

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,930	4,407 14 0	7,540 20	291 0 0	7 0 0	4,705 14 0	911	57	968
Or per mile of railway ...	.....	198 1 9	.....	13 1 3	0 5 0	211 8 0	.....	.....	.....
For previous 19 weeks of half-year ...	391,337	1,04,287 11 0	1,61,059 10	5,508 11 0	124 7 9	1,09,926 13 9	18,085	841	18,926
Total for 20 weeks ...	408,267	1,08,695 9 0	1,68,599 30	5,799 11 0	131 7 9	1,14,626 11 9	18,996	898	19,894
COMPARISON.									
Total for corresponding week of previous year ...	18,727	4,906 13 1	8,835 30	319 15 0	7 8 0	5,234 4 1	913	55	968
Or per mile of railway corresponding week of previous year ...	.....	220 8 6	.....	14 6 1	0 5 5	235 4 0	.....	.....	.....
Total to corresponding date of previous year ...	418,406½	1,11,400 12 11	2,21,708 30	7,635 11 0	137 3 5	1,19,173 11 4	20,406	2,426	22,832

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	5,234	235	22½	4,706	212	22½	46,875	2,107	22½	44,067	1,981	.....	2,808

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,687	1,471 7 6	32,056 20	2,139 1 0	28 14 0	3,639 6 6	170	460	630
Or per mile of railway ...	.....	35 0 7	.....	50 14 10	0 11 0	86 10 5	.....	.....	.....
For previous 19 weeks of half-year ...	60,646	23,382 11 0	9,73,347 30	61,768 2 0	648 8 9	55,709 5 9	3,656	11,548	15,204
Total for 20 weeks ...	64,333	24,854 2 6	10,05,404 10	63,907 3 0	677 6 9	59,438 12 3	3,826	12,098	15,924
COMPARISON.									
Total for corresponding week of previous year ...	2,524	1,048 10 9	15,102 30	961 12 0	14 15 0	2,025 5 9	335	253	588
Or per mile of railway corresponding week of previous year ...	.....	24 15 6	.....	22 14 5	0 5 8	48 3 7	.....	.....	.....
Total to corresponding date of previous year ...	16,715½	7,595 4 11	1,18,215 30	8,062 6 0	174 13 9	15,831 8 8	2,319	2,049	4,368

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	2,025	48	42	3,639	87	42	15,832	377	42	32,860	782	17,028	...

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	23,891	8,010 0 0	56,000 0	3,900 0 0	60 0 0	11,970 0 0	3,780	1,424	5,204
Or per mile of railway ...	191	64 0 0	448 0	31 0 0	.....	95 0 0	.....	.....	.....
For previous 19 weeks of half-year ...	479,239	1,62,770 0 0	7,46,434 0	47,076 0 0	882 0 0	2,11,328 0 0*	72,568	27,496	100,064
Total for 20 weeks ...	503,130	1,70,780 0 0	8,02,434 0	51,576 0 0	942 0 0	2,23,298 0 0	76,354	28,910	105,264
COMPARISON.									
Total for corresponding week of previous year ...	23,747	8,095 0 0	34,753 0	2,388 0 0	14 0 0	10,497 0 0	3,812	1,398	5,210
Per mile of railway corresponding period of previous year ...	190	65 0 0	278 0	19 0 0	.....	84 0 0	.....	.....	.....
Total to corresponding date of previous year ...	501,001	1,72,870 0 0	7,76,019 0	44,972 0 0	568 0 0	2,18,440 0 0	78,177	27,641	105,818

* Audited up to week ending 26th March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
125	10,497	84	125	11,970	96	125	80,687	92	125	80,288	92	201	.....

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 21st May 1887, on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 246 miles open ...	39,130½	13,067 7 11	1,88,558 0	19,061 14 6	3,426 0 3	35,555 6 8	5,996	6,481	12,477
Or per mile of railway ...	157	52 8 0	757 0	76 9 0	2 14 0	131 15 0*	.....	.....	.....
For previous 19 weeks of half-year ...	732,482½	2,83,395 8 1	31,35,465 0	3,11,876 1 6	59,417 15 9	6,54,689 9 4	106,452	111,472	217,924
Total for 20 weeks ...	771,613	2,96,463 0 0	33,23,974 0	3,30,938 0 0	62,844 0 0	6,90,245 0 0	112,448	117,953	230,401
COMPARISON.									
Total for corresponding week of previous year on 246 miles open ...	37,739½	12,589 8 1	1,57,164 0	18,671 0 2	3,153 14 6	34,414 6 9	5,953	5,104	11,057
Per mile of railway corresponding week of previous year ...	153	51 3 0	558 0	75 14 0	1 3 0	128 4 0*	.....	.....	.....
Total to corresponding date of previous year ...	711,136½	2,50,292 3 8	25,98,859 10	2,62,050 3 5	59,673 12 8	5,72,016 3 0	95,190	101,295	196,485

* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
246	24,414	140	246	35,555	143	246	2,42,117	984	246	2,77,212	1,113	35,095	.....

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 21st May 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,788	1,067 12 3	8,853 20	548 10 1	18 7 0	1,634 13 4	509	254	763
Or per mile of railway ...	102	39 3 0	325 0	20 2 0	0 11 0	60 0 0	.....	.....	.....
For previous 19 weeks of half-year ...	57,188	21,534 3 9	2,50,049 20	14,382 5 11	491 9 0	36,408 2 8	9,743	6,495	16,238
Total for 20 weeks ...	59,976	22,602 0 0	2,58,903 0	14,931 0 0	510 0 0	38,043 0 0	10,252	6,749	17,001
COMPARISON.									
Total for corresponding week of previous year ...	2,611½	1,025 7 4	4,981 10	442 11 0	13 13 11	1,482 0 3	509	254	763
Per mile of railway corresponding week of previous year ...	96	37 10 0	183 0	16 4 0	0 8 0	54 6 0	.....	.....	.....
Total to corresponding date of previous year ...	52,054	20,680 13 9	1,67,261 39	12,564 4 6	532 4 5	33,797 6 8	10,325	5,371	15,696

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,482	54	27½	1,635	60	27½	13,241	486	27½	14,182	520	941	.....

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 14th May 1887	...	...	...	...	Rs. 10,050
Corresponding week last year	...	...	...	...	12,589
Decrease	...	...	...	...	2,539
Receipts from 1st January to 14th May 1887	...	...	...	...	1,40,565
From 1st January to 15th May 1886	...	...	...	...	1,63,509
Decrease	...	...	...	...	22,944
Miles open week ending 14th May 1887	...	...	...	...	Miles. 51
Corresponding week last year	...	...	...	...	50½
Increase	...	...	...	...	½
Receipts per mile open week ending 14th May 1887	...	...	...	...	Rs. A. P. 197 0 11
Corresponding week last year	...	...	...	...	248 1 2
Decrease	...	...	...	...	51 0 3

CHIEF OFFICE, DARJEELING, 25th May 1887.

W. STEVENSON, Secretary, D.-H. Railway.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 21st May 1887	...	...	...	...	Rs. 10,717
Corresponding week last year	...	...	...	...	12,802
Decrease	...	...	...	...	2,085
Receipts from 1st January to 21st May 1887	...	...	...	...	1,51,282
From 1st January to 22nd May 1886	...	...	...	...	1,76,312
Decrease	...	...	...	...	25,030
Miles open, week ending 21st May 1887	...	...	...	...	Miles. 51
Corresponding week last year	...	...	...	...	50½
Increase	...	...	...	...	½
Receipts per mile open, week ending 21st May 1887	...	...	...	...	Rs. A. P. 210 2 2
Corresponding week last year	...	...	...	...	252 4 4
Decrease	...	...	...	...	42 2 2

CHIEF OFFICE, DARJEELING, the 28th May 1887.

W. STEVENSON, Secretary, D. H. Ry.

Printed and published by EDWIN MORRIS LEWIS, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 1st June 1887.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 8, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE BOARD'S REPORT ON THE ROAD AND PUBLIC WORKS CESS FOR THE YEAR 1885-86.

FINANCIAL DEPARTMENT—ROAD AND PUBLIC WORKS CESS.

Darjeeling, the 2nd June 1887.

RESOLUTION.

READ—

The Report from the Board of Revenue on the Road and Public Works Cess operations for the cess year 1885-86 terminating on the 30th September 1885.

Read also—

The Report for 1884-85, and the Resolution recorded upon it.

No change was made during the year in the rates at which the cesses were levied, the maximum rates having been levied in all the districts in which the Act is in force, except Backergunge, where the Public Works Cess was levied at full and the Road Cess at half rates. In many districts there has been a reduction of the demand on revaluation, yet upon the whole both cesses continue to show an increase. It is estimated that this increase will continue at the rate of Rs. 62,265 a year, which is the average of the last three years. This is at the rate of about four-fifths per cent. per annum, showing an increase of nearly ten lakhs per annum in the annual value of the property assessed.

2. The following table compares the results of the year with those of three preceding years :—

	DEMAND.			BALANCES.			Deduct remissions.	Net arrears.	Percentage of net balances and gross demand.
	Current.	Arrear.	Total.	Current.	Arrear.	Total.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1882-83	73,10,811	11,42,296	84,53,107	10,09,330	1,77,390	11,86,720	27,940	11,58,780	13.7
1883-84	73,75,697	12,60,272	86,35,969	13,56,778	2,64,196	16,20,974	26,093	15,93,981	18.4
1884-85	74,36,830	14,63,317	89,00,147	11,00,097	3,07,191	14,07,288	38,657	14,28,631	15.8
1885-86	74,97,608	14,65,317	89,62,925	11,24,146	3,03,303	14,27,449	39,351	13,88,098	15.4

The gross demand was thus Rs. 89,62,925. Of this, Rs. 75,38,825 was collected and Rs. 39,351 remitted, leaving a balance of Rs. 13,88,098 outstanding at the close of the year. Though there has been a slight reduction both in arrear and in current balances, the Lieutenant-Governor must consider the general result unsatisfactory. In reviewing the report for 1882-83, Sir Rivers Thompson remarked with regret that so large a sum as Rs. 1,77,390 had been left unrealized for more than 12 months. Since that time, however, there has been, not a reduction, but a large increase, in the arrear balances, and at the close of the past year they amounted to Rs. 3,03,303. The net balance (current and arrear) increased from Rs. 11,58,780 in 1882-83 to Rs. 15,93,981 in 1883-84, Rs. 14,28,631 in 1884-85, and Rs. 13,88,098 in 1885-86. In 1883-84 the explanation given was failure of crops and the fact that the last day for payment of the September instalment fell within the Doorga Poojah holidays. In 1884-85 the large balances were attributed partly to increase in the demand and partly to the floods which had occurred in some districts. This year no general explanation is offered. With an increase of only Rs. 1,86,797 in the current demand, the outstanding balance has increased by Rs. 2,29,318 since 1882-83. The Lieutenant-Governor trusts that the Board will take measures to prevent a state of things which was unknown before 1883-84 from becoming chronic; and he begs that district officers may be specially urged to exert themselves to improve the collections in the current year. While the Provincial funds are barely sufficient to provide for the ordinary requirements of the administration, it is necessary that the just demands of Government in all branches of the revenue should be promptly realized.

3 On comparing the arrear collections with the arrear demand, it is observed that in the following districts the arrear collections fell short of 90 per cent :—

	Percentage of arrear collections on arrear demand.	Percentage of current collections on current demand.
Burdwan	30.9	82.8
Bhagulpore	58.8	91.0
Bankoora	61.1	84.9
Hooghly	65.6	73.0
Balasore	70.6	77.0
Shahabad	72.8	76.7
Manbhoom	75.4	96.3
Mozufferpore	78.6	76.7
Furzedpore	79.1	61.8
Pooree	79.9	66.7
Cuttack	81.4	86.5
Durbhunga	83.2	79.4
Monghyr	86.9	85.9
Patna	88.3	83.2
Sarun	88.5	84.1
Chittagong	88.7	87.6
Backergunge	89.9	81.3

Of these 17 districts, 13 are the same as those which appeared in the list last year. Moorshedabad, Maldah, Midnapore, Pubna, Dacca, and Nuddea have disappeared from the list, and Manbhoom, Pooree, Sarun, and Chittagong have been added. Burdwan, which was the second worst district in regard to arrear collections in 1882-83, has during the past three years headed the list. In 1883-84 the percentage collected was 33.3, in 1884-85 43, and in 1885-86

30-9. The explanation always offered is the difficulty of collecting three years' back demand from numerous petty rent-free holdings assessed under Chapter IV, Part II of the Act. The same cause is, however, in operation in the adjoining district of Hooghly, where the percentage of arrear collections has never fallen below 61, and in the past year was 65. The Lieutenant-Governor will be prepared to consider proposals for a general revaluation of the Burdwan district. The explanation offered of the very unsatisfactory percentage in Bhagulpore, that it was due to drought, cannot be accepted as sufficient, nor can the plea put forward regarding the difficulty of realizing the demand from the holders of the ghatwali tenures. The Lieutenant-Governor concurs with the Board in considering that the failure in the districts of Patna Division is insufficiently explained by a reference to the delay inseparable from the certificate procedure. Such an argument is not appropriate in the case of arrears of more than twelve months' standing. The Lieutenant-Governor observes with satisfaction that in Hazaribagh, Purneah, Darjeeling, Bogra, and Rajshahye the whole of the arrear demand, and in Dinagepore 99·2, Beerbhoom 98·4, Lohardugga 97·6, and Rungpore 95·1 per cent., was realized. The absence of an arrear demand, as has been repeatedly observed, is the best evidence of efficient collections. In Durbhunga the Collector observes that the falling off is due chiefly to the abolition of the long-standing practice of demanding payment of cesses before accepting the revenue challans during the kist days from the beginning of the current cess year. The Board rightly observe that this illegal practice ought never to have been tolerated by the Collectors of the district.

In some districts of the Patna Division it has been found necessary to resort, as an exceptional measure, to the provisions of section 99 of the Cess Act for the realization of arrears. This is a salutary provision for meeting cases of inveterate contumacy, but the Lieutenant-Governor agrees with the Board in considering that, when it is employed, the strictest supervision should be exercised.

4. The list given above shows the districts in which the arrear collection fell short of 90 per cent. In the following districts, though the arrear collections were not less than 90 per cent., the current collections fell below that amount:—Singbhoom (57·0), Midnapore (77·1), Dacca (78·0), Gya (79·1), Tipperah (80·4), Chumparun (81·0), Nuddea (84·1), Jessore (85·5), Julpigoree (87·0), 24-Pergunnahs (87·2), Maldah (87·6), and Khulna (89·6). Of these, Singbhoom was brought under the operation of the Cess Act only last year.

The percentages of collection on current demand was in Lohardugga 99·8, in Hazaribagh 99·6, in Purneah 98·1, in Beerbhoom 97·7, in Darjeeling 97·3, and in Dinagepore and Rungpore 95.

5. The number of certificates filed and disposed of for the recovery of cess during the past three years is as follows:—

				Number made.	Number disposed of.
1883-84	...	...	...	74,674	73,386
1884-85	...	...	...	77,631	78,385
1885-86	...	...	...	77,577	80,273

The increase in the number of disposals is simultaneous with a trifling decrease in the number of institutions. The smallest number of certificates filed was, as usual, in the Chota Nagpore Division, viz., 894, being less than the total of a single district in many of the other divisions. Next comes the Presidency Division with 4,657. The largest numbers occur in the Patna Division, 23,490, and the Burdwan Division, 15,753.

6. A complete revaluation of the district of Cuttack has resulted in an increase in the gross annual value of Rs. 4,32,274 and in the demand of cesses of Rs. 24,152. In Pooree a revaluation has been completed, except in the Government estate of Khoorda, where it is still in progress. In Balasore the work is still incomplete. General revaluations are proceeding in Gya, Chumparun, and Shahabad. In Purneah also a general revaluation has been sanctioned, but it was not commenced during the year. Operations in Mozufferpore have been temporarily postponed, as it was deemed inexpedient to undertake the work while a survey and record of rights under the Tenancy Act was being effected in a considerable portion of the district.

Partial valuations and revaluations are in progress in several districts, particulars of which are not of much importance. During the year 6,235 separate accounts were opened, under section 44 of the Act, for Rs. 93,584 payable as cess. At the close of the year the number of accounts remaining open was 32,000 for Rs. 13,29,846 of cess. The number of separate cess accounts opened in revenue-free estates, under section 46 of the Act, is 37, against 59 in the preceding year.

7. Before passing orders on the question whether Statement IV should be discontinued, the Lieutenant-Governor desires to be informed of the cause of the large increase in the numbers of estates and tenures assessed with cess as compared with those shown in the last return. His Honour would also wish to know whether, if the statement be retained, any difficulty would be felt in breaking up column 3, which shows the number of estates assessed with cess, into Land Revenue-paying and Land Revenue-free estates.

8. The Lieutenant-Governor's thanks are due to the Board of Revenue for their efficient supervision during the year over this branch of the administration. The names of the Deputy Collectors who have been favourably noticed by the Board will be communicated to the Appointment Department of Government.

ORDERS.—Ordered that a copy of the Resolution, and of the Board's Report, be submitted to the Government of India, Finance and Commerce Department, for information.

Ordered, also, that a copy of the Resolution be forwarded to the Board of Revenue, and copies of the Resolution and of the Board's Report to the Appointment and Revenue Departments of Government, for information.

By order of the Lieutenant-Governor of Bengal,

COLMAN MACAULAY,

Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 4th June 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan. June 4, '87	2.05	Weather—moist; sultry; east wind prevalent. Prospects excellent. Prices still low. Public health good. Cattle-pox in Cutwa.
	2 Culna.	5.15	
	3 Raneegunge.	4.86	
	4 Bankoora. " 4, '87	2.76	Weather—sultry. Ploughing going on briskly throughout the district and sowing has begun. Sugarcane and indigo growing well. Public health good.
	5 Beerbhoom. " 4, ..	5.11	Weather—cool and cloudy with occasional showers. Heavy rain has impeded ploughing to some extent, and a spell of fine weather is needed. Prospects are, however, very good. Cholera has nearly disappeared, and with the exception of a little fever, no disease is reported.
PRESIDENCY DIV.	6 Rampore Haut.	9.12	
	7 Midnapore. " 4, '87	0.64	Weather—cool at beginning, sultry at end of week. Sowing of <i>amun</i> has begun.
	8 Hooghly. " 4, ..	0.25	Weather—unsettled. State and prospects of crops good. Public health good.
	9 Serampur.	1.94	
	10 Jehanabad.	4.75	
RAJSHAHY DIV.	11 Howrah. " 4, '87	0.71	Weather—occasionally cloudy; wind sometimes strong. Lands are being prepared for <i>amun</i> crop. Rainfall will do good.
	12 Oolooberia.	0.03	
	13 <i>Central Districts.</i>		
	14 24-Pergha. June 4, '87	0.46	Weather—unsettled. Strong winds and rain. Early rice and other standing crops promising. Sowing still continues. Public health fairly good.
	15 Nudda. " 4, ..	3.93	Cloudy sky and rain at intervals with light southern breeze. <i>Aus</i> , indigo and jute promising. Excessive rain in parts of the Meherpur sub-division has injured the young rice. General health good. Cow-pox in the Sudder sub-division.
RAJSHAHY DIV.	16 Kushtea.	3.76	
	17 Meherpur.	8.21	
	18 Chundanga.	2.75	
	19 Ranaghat.	1.98	
	20 Khoolua. " 4, '87	0.48	Weather—sultry and cloudy; wind from south and slight rain. Ploughing going on satisfactorily. <i>Til</i> crop good. Prospects favourable. Public health good.
RAJSHAHY DIV.	21 Jessore. " 4, ..	1.47	Weather—very hot. A good fall of rain in the middle of the week. Paddy plants are thriving. Prospects good. General health fair.
	22 Jhenidah.	3.65	
	23 Magurah.	2.9	
	24 Narail.	0.55	
	25 Bongong.	2.38	
RAJSHAHY DIV.	26 Moorsheadabad. " 4, '87	7.39	Heavy rain at the beginning of the week. <i>Amun</i> is being sown. Jute and sugarcane promising. Public health good.
	27 Lalbagh.	9.63	
	28 Kandi.	4.06	
	29 Jungipur.	12.59	
	30 Dinapore. " 4, '87	13.69	Heavy rain has done some damage to <i>bhadoi</i> and jute crops, and has impeded ploughing for winter rice. Slight rise in prices. Rice 23 seers per rup-e.
RAJSHAHY DIV.	31 Thakurgaon.	10.04	Weather—hot and cloudy. Prospects of crops favourable. Public health good.
	32 Rajshahy. " 4, '87	5.82	
	33 Nattore.	6.94	
	34 Nowgong.	12.22	
	35 Rungpore. " 4, ..	13.00	Very heavy rain during the week. Some damage done to crops by flooding. Cholera continues in the Kurigram sub-division, but has diminished in the district generally.
RAJSHAHY DIV.	36 Nilphamari.	25.4	
	37 Kurigram.	11.76	
	38 Gaibanda.	18.29	
	39 Bogra. " 4, '87	23.08	Weather—rainy and cloudy all the week; a very severe storm on 31st May with 15.60 inches of rain; for the last two days the weather has been close and warm. Sowing in progress. The very heavy and extraordinary rainfall of the 31st has damaged the <i>aus</i> and jute crops, and has also injured bridges and houses. Public health fair.
	40 Sherpur.	13.72	
RAJSHAHY DIV.	41 Nowkhilla.	16.51	
	42 Pubna. " 4, '87	2.09	Weather—cloudy and rainy. Prospects of crops good. General health good.
	43 Serajgunge.	13.60	
	44 Darjeeling. " 4, '87	3.45	Weather—variable. State and prospect of crops good. Fever prevalent in the Terai.
	45 Julpigoree. " 4, ..	13.44	Temperature much below the normal. Heavy and constant rain, which cleared off only at the end of the week. Prospects of early rice good, but too much rain has retarded the growth of the young plants to some extent. Jute will not be a good crop this year. Sugarcane promises well. Cholera of a virulent type prevails in the tea gardens east of Jaldacca, but is abating elsewhere.
<i>Eastern Districts.</i>			
DACCA DIVISION.	46 Dacca. June 4, '87	0.39	Weather—comparatively cool and mostly cloudy. Sowing of <i>amun</i> paddy continues. <i>Kaoni</i> and <i>til</i> being cut. Recent rain has done much good to standing crops. Rivers rising fast. Public health good.
	47 Manickgunge.	2.98	
	48 Munshigunge.	1.11	
	49 Naraingunge.	1.54	
	50 Furreedpore. " 4, '87	2.07	Weather—hot and rainy. Prospects of crops good. Public health good.
DACCA DIVISION.	51 Coalundo.	2.79	
	52 Medaripore.	2.74	
	53 Backergunge. " 1, '87	1.64	Weather—hot. High wind blew from the east and south-east for about 5 days continuously, no doubt connected with the cyclone in the Bay. Cultivation of <i>amun</i> going on. Some damage done to <i>aus</i> by unusual tides and stormy weather. General health fair.
	54 Mymensingh. June 3, '87	6.79	Rain on six days of the week; over 5 inches on the 1st June. Prospects of crops good.
	55 Jamalpur.	2.78	
DACCA DIVISION.	56 Kishoregunge.	1.32	
	57 Attia.	1.05	
	58 Netrokona.	6.45	

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—contd.			
Eastern Districts—contd.			
CHITTAGONG DIV.	22 Chittagong, June 6, '87	2.72	Weather—hot with occasional showers. Prospects of <i>aus</i> fair. Outturn of spring crops 12 annas. Cholera still reported. Prices stationary.
	23 Noakhally „ 3 „	0.13	Weather—generally cloudy and high southerly wind. <i>Aus</i> seedlings in <i>chur</i> lands have been damaged to some extent by salt-water inundation.
	Fenny „ „	1.41	Transplanting of <i>amun</i> continues. More rain wanted. Public health fair.
	24 Tipperah „ 2, '87	0.87	Weather—at first dry and hot; for the last three days wet and seasonable. At present state of crops everywhere good. Rain much wanted has come at last, but not in sufficient quantity everywhere. Health of the people generally good.
	Brahmanbariah „ „	0.62	
CHITTAGONG DIV.	25 Chittagong Hill May 31, '87	1.00	Weather—excessively hot and cloudy throughout the week. Sowing in <i>jooms</i> is nearly finished. Early <i>joom</i> paddy has germinated well. Late rain has improved the condition of sugarcane to a great extent. Public health good.
	Tracts. „ „		
	Hill Tipperah June 1 „	Nil	Weather—hot. Prospects of sugarcane, chillies and <i>til</i> good. <i>Aus</i> paddy still being sown. <i>Jooms</i> doing well. Public health good.
BEHAR.			
PATNA DIV.	26 Patna, June 4, '87	7.01	Weather—cool during the latter part of the week. Fields are being prepared for <i>bhadoi</i> sowings. Prospects of sugarcane fair. Cholera prevalent in the Behar and Barh sub-divisions.
	27 Gya „ 4 „	2.05	Weather—damp and hot. Rain has done some injury to <i>rubber</i> corn yet on the threshing-ground. It has saved some expense of irrigation to sugarcane planters. Cholera, fever and small-pox yet reported.
	28 Shahabad „ 4 „	2.37	Weather—cloudy and rainy up to 1st, since then more settled. Rain has been beneficial to agriculture generally, but injurious to grain still in threshing-floor. A large number of cattle are reported to have died from inclemency of the weather. Cholera reported from Buxar and Bhabua sub-divisions; public health otherwise fair. Prices stationary.
	Buxar „ „	5.47	
	Sasseram „ „	4.75	
PATNA DIV.	Bhabua „ „	3.13	
	29 Durbhanga „ 4 „	4.08	Weather—rainy in the beginning of the week. Rainfall of the week immensely benefited the early rice and indigo, though it did some injury to <i>moong</i> , which was almost fit to be cut. <i>Bhadoi</i> has commenced to be sown. Price of common rice averages 20 seers per rupee. Cholera reported from the Madhubani sub-division.
	Madhubani „ „	4.51	
	30 Mozufferpore „ 4, '87	3.92	Recent rain has cooled the weather. Prospects of crops excellent. Early rice, <i>moong</i> , <i>cheena</i> , <i>kaoni</i> and <i>sama</i> doing well. <i>Bhadoi</i> sowings have begun.
	Hajipur „ „	10.40	Indigo has improved greatly by the rain. Cholera still prevails in the district.
PATNA DIV.	Sitamarhi „ „	2.71	
	31 Saran „ 4 „	3.69	Weather—cloudy with occasional sunshine. Indigo and sugarcane benefited by the rain. <i>Bhadoi</i> sowings commenced. Sporadic cases of cholera and small-pox reported.
	Sewan „ „	3.38	
	Gopalgunge „ „	2.89	
	32 Champaran „ 4 „	1.31	Weather—cool during first five days; hot for the last two days. Raining today (4th). Rain much beneficial to indigo and to cultivation generally. Sowing of <i>bhadoi</i> and <i>aghani</i> on low lands nearly completed. Prospects of standing crops favourable. Mortality from cholera increasing.
BHAGALPOUR DIV.	33 Monghyr, June 4, '87	8.55	Weather—seasonable; cloudy at times. Sowing of <i>bhadoi</i> crop going on vigorously. Cholera still prevailing, but not generally.
	Begusarai „ „	7.30	
	Jamui „ „	4.68	
	34 Bhagalpore „ 4 „	4.04	Weather—cloudy and cool. Rain has been too much for low lands, and there has been some loss of early rice seedlings. Some loss has also been caused to <i>rubber</i> on threshing-floors. <i>Bhadoi</i> prospects good. Indigo doing well. Cholera abating.
	Banka „ „	8.22	
BHAGALPOUR DIV.	Mudhpoora „ „	11.41	
	Soopole „ „	8.32	
	35 Purnea „ 4 „	13.62	Weather—heavy rain till 2nd, since then cloudy. With the exception of indigo which has suffered severely, no crops are known to have suffered much from the rain; however, should the land not have time to recover before further heavy rainfall, the consequences to standing crops are likely to be very serious.
	Kishengunge „ „	17.40	
	Arracah „ „	14.83	
BHAGALPOUR DIV.	36 Maldah „ 4, '87	13.00	Weather—cloudy and damp; first five days of the week cool; since then hot. More rain threatening. <i>Boro</i> paddy is still being reaped, with good outturn. Rain has improved <i>bhadoi</i> crops, but sunshine is now wanted. The fall has been excessive for the season. Average price of common rice 23½ seers per rupee. Public health good.
	Chanchal „ „	7.64	
	Shibgunge „ „	9.35	
	37 Sonthal Pergah „ 4 „	5.05	Occasional heavy rain and uncertain weather all the week, specially in the north. <i>Boro dhan</i> in Rajmehal much damaged by the wet. Indigo benefited.
	Deoghur „ „	5.12	Early rice and Indian-corn sowings begun. Ploughing general. Public health fair.
ORISSA.	Godda „ „	16.04	
	Jamtara „ „	5.88	
	Pakour „ „	11.22	
	Rajmehal „ „	20.00	
ORISSA DIV.	38 Cuttack, June 3, '87	Nil	Weather—hot and cloudy; high wind continues. Sowing of rice in progress; plants coming out in some places. Common rice 18½ seers per rupee in town. Public health generally good. The cyclone which passed over the coast on the night of the 25th May greatly damaged houses and trees in the coast tract. Loss of cattle is reported from the Kanika Estate. Weather still unsettled in the sea-coast tract.
	39 Pooree „ 2 „	1.33	Weather—stormy. Sowing of <i>sarad</i> crop going on. Miscellaneous crops doing well. Common rice 24 seers 5 chittacks per rupee in the Sudder sub-division, and 22 seers 13 chittacks in the Khoorda sub-division. Cases of cholera and small-pox are reported from the mofussil.
	Khoorda „ „	1.57	
	40 Balasore „ 3 „	3.90	Weather—cloudy. Ploughing and sowing of paddy were stopped for some days owing to rain-water in the fields. The cyclone of the 25th May caused more or less damage throughout the district. Thatched roofs of houses were blown off, and a few trees uprooted. Enquiries are being made as to the extent of damage in the mofussil. Public health generally good.

No.	District and date of return.	Rainfall at Sadder Station in inches.	Character of the weather, state and prospect of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh, June 3, '87	Nil	Weather—cloudy and unsettled. Sowing of paddy has commenced. Sugarcane doing well. General health good.
42	Lohardugga Palamow „ 4 „	0.41 5.52	Weather—hot and cloudy. Rain daily expected. Heavy rain in the Palamow sub-division accompanied by a very strong wind. Ploughing is vigorously going on. Prices continue as before. Cases of small-pox and cholera reported; public health otherwise good.
43	Singbhoom „ 3 „	2.46	Weather—cloudy with occasional storms. Still hot. Ploughing and sowing are being actively carried on. Cholera has appeared in Chakradharpore; nine deaths reported. Cholera in Chybassa has abated.
44	Nanbhoom Govindpur „ 4 „	3.51 3.79	Weather—stormy with a good deal of rain. Sugarcane doing well. Late rain has done good to paddy cultivation. General prospects of crops good. Public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 7th June 1887.

P. NOLAN,
Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON -												
NAMES OF MARKS.	1st week of June 1886.	1st week of August 1886.	1st week of Sept. 1886.	1st week of Oct. 1886.	1st week of Nov. 1886.	1st week of Dec. 1886.	1st week of Jan. 1887.	1st week of Feb. 1887.	1st week of Mar. 1887.	1st week of April 1887.	1st week of May 1887.	1st week of June 1887.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliachatta	12,25,000	8,43,000	5,96,800	5,60,000	3,81,900	3,11,000	2,89,000	4,12,500	4,73,000	14,01,000	12,67,000	10,36,700
Ootadanga	64,500	68,700	50,500	54,800	50,500	29,900	47,700	85,900	61,300	73,400	66,300	42,400
Chitpore, Golaaree, Coomer- toor, Hatkhola, and Culp Ghat	5,31,800	5,35,300	5,60,800	6,37,400	6,26,100	8,48,100	7,75,900	7,68,700	5,52,700	7,47,100	6,58,300	6,16,400
Pathuriachatti, Posta, and Jorabagan.	5,400	4,000	3,800	4,000	5,000	4,000	6,000	5,000	4,000	5,200	5,000	3,000
Tallygunge, Chittah, Kidderpore, and Moonsikunge.	1,46,400	1,31,800	1,23,000	1,26,300	1,16,300	1,48,400	1,23,800	1,55,400	1,59,600	1,79,000	1,56,000	1,36,300
11 Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Reidyachatti, Nowabgunge, Bhuddressur, and Chander- nagore.	14,709	14,688	35,752	30,450	28,114	7,200	5,059	5,129	5,243	6,142	6,648	8,776
Total ...	55,02,109	20,67,488	17,74,552	19,02,960	17,09,914	18,38,000	17,37,489	18,93,639	17,53,743	29,01,742	26,49,648	23,52,475
On Railway premises on both sides of the river.	5,980 (on 3rd June 86.)	3,720 (on 3rd July 86.)	11,011 (on 4th September 86.)	6,628 (on 2nd Oct. 1886.)	11,604 (on 4th Nov. 86.)	7,218 (on 4th Dec. 86.)	24,920 (on 4th Jan. 87.)	16,358 (on 5th Feb. 1887.)	17,838 (on 4th Mar. 1887.)	9,888 (on 4th April 1887.)	12,914 (on 4th May 1887.)	9,484 (on 4th June 87.)
By Port Com- missioners' re- turns.	18,635 (1st to 3rd June 1886.)	19,137 (1st to 3rd July 1886.)	35,147 (1st to 3rd September 86.)	22,144 (1st to 3rd Oct. 1886.)	25,219 (1st to 3rd Nov. 86.)	30,278 (3rd to 5th Dec. 86.)	75,383 (2nd to 4th Jan. 1887.)	81,461 (1st to 3rd Feb. 1887.)	78,908 (1st to 3rd Mar. 1887.)	54,817 (1st to 3rd April 1887.)	18,510 (1st to 3rd May 1887.)	18,882 (1st to 3rd June 1887.)
On boats un- loaded ...	19,117 (1st to 3rd June 86.)	24,285 (1st to 3rd July 1886.)	36,389 (1st to 3rd September 86.)	44,919 (1st to 3rd October 86.)	24,281 (1st to 3rd Nov. 86.)	21,411 (3rd to 5th Dec. 86.)	78,253 (2nd to 4th Jan. 1887.)	1,51,101 (1st to 3rd Feb. 1887.)	1,77,080 (1st to 3rd March 1887.)	81,375 (1st to 3rd April 1887.)	36,235 (1st to 3rd May 1887.)	17,639 (1st to 3rd June 1887.)
Grand Total of Stocks ...	25,45,241	21,14,631	18,57,069	19,76,641	17,64,018	18,97,597	19,16,045	21,42,456	29,92,612	30,47,837	27,17,307	23,75,350
Probable stock available for exportation by sea.	14½ lakhs	10½ lakhs	8 lakhs	9½ lakhs	7½ lakhs	8½ lakhs	6½ lakhs	11 lakhs	9½ lakhs	20 lakhs	16½ lakhs	13½ lakhs

P. NOLAN,
Secretary to the Govt. of Bengal.

STATISTICAL DEPARTMENT.
The 6th June 1887.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE
DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE
31ST MAY 1887.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan ...	14 0	14 0	16 0	40 0	40 0	37 8	19 8	19 8	15 0	24 0	25 6	18 12	...	...	...
2	Bankoora ...	15 12	15 8	18 8	20 0	20 0	24 0	19 0	19 0	19 8	24 12	23 12	22 8	...	...	...
3	Beerbhoom ...	18 12	20 0	15 0	...	...	...	18 0	18 12	16 0	24 0	24 0	19 8	...	...	...
4	Midnapore ...	17 8	17 8	18 0	...	...	...	20 0	20 0	16 0	25 0	25 0	22 0	...	...	...
5	Hooghly ...	15 0	15 0	16 0	...	...	...	10 0	10 0	10 0	18 0	18 0	14 0	...	...	...
	Howrah ...	12 0	12 0	16 0	...	...	...	13 4	13 8	8 0	21 0	21 0	15 0	...	...	...
Central Districts.																			
6	Calcutta ...	15 0	15 0	16 0	20 15	21 0	21 6	9 6	9 6	8 4	19 2	19 4	16 0	21 0	21 0	19 0			
	24-Pergunnahs ...	14 0	14 0	13 4	26 8	26 8	20 0	8 0	8 0	8 0	18 4	18 4	13 4	...	...	...
7	Nuddea ...	16 0	16 0	17 4	32 0	35 8	26 0	16 0	16 0	14 0	20 8	21 0	15 2	...	...	...
8	Khoolna ...	...	...	...	...	...	...	18 0	18 0	14 0	23 0	23 0	17 0	...	...	...
9	Jessore ...	16 0	16 0	13 4	...	...	...	17 0	17 0	13 0	22 0	22 0	16 12	...	...	...
10	Moorshedabad ...	16 0	16 0	20 0	...	...	...	16 0	16 0	13 4	21 0	21 0	17 0	...	...	...
11	Dinapore ...	13 12	13 12	16 8	22 0	22 0	17 8	20 0	20 0	17 0	23 0	25 0	20 4	...	...	...
12	Rajshahye ...	18 0	18 0	19 0	45 0	45 0	32 0	18 0	18 12	16 4	19 8	21 0	18 8	...	...	...
13	Rungpore ...	20 8	22 8	20 0	...	...	...	22 8	22 8	16 0	24 10	24 10	20 0	...	...	...
14	Bogra ...	16 8	15 0	18 0	...	...	...	13 8	13 8	13 8	24 0	24 0	22 8	...	...	...
15	Pubna ...	20 0	20 0	22 8	...	...	...	8 0	8 0	7 14	21 0	24 0	19 6	...	...	...
16	Darjeeling ...	9 0	...	11 0	10 0	11 0	9 0	5 0	5 0	5 0	14 0	14 0	13 0	...	...	...
17	Julpigoree ...	11 0	11 0	13 4	20 0	20 0	20 0	13 0	13 0	16 0	22 0	24 0	22 0	...	...	...
Eastern Districts.																			
18	Dacca ...	14 0	13 0	16 0	22 0	22 0	25 0	17 0	17 0	13 0	19 0	19 0	16 0	...	...	...
19	Furreedpore ...	26 0	26 0	24 0	32 0	32 0	25 0	18 0	18 0	16 0	20 0	20 0	17 12	...	...	...
20	Backergunge ...	...	...	...	...	...	...	17 0	18 0	13 8	21 0	19 0	16 0	...	...	...
21	Mymensingh ...	11 0	12 0	13 4	...	...	...	12 0	12 4	13 0	16 4	17 0	21 0	...	...	...

A In sub-divisions retail prices of salt per rupee were:—Culna 12 seers, Cutwa 13 seers, and Raneegunge 12½ seers.

B In Bishenpore sub-division retail price of salt 12 seers per rupee.

C In Kamrout Haut sub-division retail price of salt 13 seers per rupee.

D In sub-divisions retail prices of salt per rupee were:—Ghattai 13½ seers, Tamlook 11 seers, and Contai 12½ seers.

E In sub-divisions retail prices of salt per rupee were:—Serampore 13 seers and Jehanabad 13½ seers.

E(1) In sub-divisions retail prices of salt per rupee were:—Baraset 12 seers, Hussirhat 10 seers, Diamond Harbour (at Magrahat) 10½ seers, Barrackpore 12½ seers, and Dum-Dum 11 seers.

F In sub-divisions retail prices of salt per rupee were:—Koothra and Meherpore 12 seers, Chooadanga 11½ seers, and Ranaghat 10½ seers.

G In Satkhira and Bagirhat sub-divisions retail price of salt 11 seers per rupee.

H In sub-divisions retail prices of salt per rupee were:—Magoora 10½ seers, Narail 12 seers, Bongong 13 seers.

I In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers and Jungipore 12½ seers.

BAJRA OR CUMBU. (<i>Pennisetum typho- ideum.</i>)	MARUA OR RAGI. (<i>Eleusine Corocana.</i>)
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Present return.
Next preceding return.
Corresponding return of last year.
Present return.
Next preceding return.
Corresponding return of last year.

[illegible][illegible]

100	-0.5	0.00	-0.5	-0.5	0.00
101	-0.5	0.00	0.00	0.00	0.00
102	0.00	0.00	-0.5	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00

KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arietinum</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...	...	...	25 0	25 8	17 8
...	...	...	19 8	19 8	19 4
...	...	...	26 8	26 8	22 0
...	...	...	21 0	20 0	17 0
...	...	...	20 0	20 0	16 0
...	...	...	25 0	25 0	21 0

16 4	16 4	18 0	19 14	19 14	20 6
20 0	...	...	22 8	22 8	17 8
...	...	...	20 0	20 0	22 14
...	...	...	18 0	18 0	16 0
...	...	...	26 8	26 8	20 0
...	...	...	30 8	30 8	26 0
...	...	...	18 0	18 0	18 12
...	...	...	28 2	28 2	2 8
...	...	...	0 0	0 0	16 0
...	...	...	18 12	19 8	18 12
...	...	...	30 0	30 0	21 0
...	...	...	11 0	11 0	10 0
...	...	...	16 0	16 0	16 5

...	...	...	16 0	14 0	16 0
...	...	...	32 0	32 0	16 0
...	...	...	16 0	20 0	16 0
...	...	...	13 4	13 8	18 0

Districts of Bengal during the Fortnight ending the 31st May 1887.

															WHOLESALE PRICES PER MAUND OF 4 SEERS.			DISTRICTS.
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR THUR. CADJAN PRA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.				
...	...	...	25 8	24 0	20 12	120 0	120 0	120 0	13 5 1/2	13 5 1/2	13 5 1/2	2 14 0	2 14 0	2 15 0	Burdwan.	
36 0	40 0	32 0	21 0	22 0	21 8	280 0	280 0	280 0	12 8	12 8	12 8	3 3 0	3 3 0	3 2 0	Bankoora.			
...	...	...	15 0	15 0	...	160 0	160 0	160 0	12 12	12 0	12 0	3 0 0	3 2 0	3 4 0	Beerbhoom.	
...	...	...	13 8	13 0	14 0	155 0	155 0	155 0	12 0	12 0	12 8	3 5 0	3 5 0	3 0 0	Midnapore.	
...	...	...	13 0	13 0	13 0	120 0	120 0	120 0	13 8	13 8	13 0	2 14 0	2 14 0	2 14 0	Hooghly.	
...	...	...	13 8	14 0	15 0	100 0	100 0	90 0	12 0	12 0	13 0	3 0 0	3 0 0	3 0 0	Howrah.	
															BENGAL.			
															Western Districts.			
23 0	23 0	20 6	18 0	18 0	18 6	80 0	80 0	64 0	13 0	13 0	13 4	3 9 0	3 0 0	2 12 0	Calcutta.			
22 8	26 8	20 0	20 0	20 0	18 0	100 0	100 0	90 0	13 0	13 0	12 13	2 15 0	2 15 0	3 0 0	24-Pergunnahs.			
...	...	...	20 0	20 0	20 0	...	...	...	11 10 1/2	11 10 1/2	11 10 1/2	3 0 0	3 0 0	3 0 0	Nudda.
...	...	...	...	...	...	160 0	160 0	160 0	10 8	10 8	12 0	3 12 0	3 12 0	3 4 0	Khoolna.
...	...	...	24 8	23 0	21 0	120 0	110 0	120 0	10 12	10 12	...	3 2 0	3 3 0	...	Jessore.	
...	...	...	21 0	21 0	19 0	210 0	210 0	210 0	12 0	12 0	11 10	3 5 0	3 5 0	3 4 0	Moorshedabad.	
...	...	...	9 4	11 0	...	160 0	160 0	160 0	12 4	12 0	12 0	3 3 0	3 4 0	3 4 0	Dinapore.	
...	...	...	16 8	17 0	22 8	240 0	240 0	240 0	10 8	12 0	12 12	3 5 3	3 4 0	3 0 0	Rajshahye.	
...	...	...	8 10	8 10	13 4	120 0	120 0	120 0	10 5	10 5	13 4	3 8 0	3 8 0	3 0 0	Rurapore.	
...	...	...	...	...	...	90 0	90 0	90 0	10 8	10 8	12 0	3 8 0	3 10 8	3 4 0	Bogra.
...	...	...	22 8	22 8	19 0	200 0	200 0	200 0	12 0	12 0	12 6	3 5 0	3 5 0	3 3 0	Pubna.	
23 0	28 0	16 0	8 0	8 0	8 0	120 0	120 0	128 0	9 0	9 0	8 0	4 6 0	4 6 0	4 0 0	Darjeeling.			
20 0	20 0	...	12 0	12 0	...	128 0	128 0	120 0	11 0	11 0	12 0	3 5 0	3 6 0	3 4 0	Julpigoree.			
															Eastern Districts.			
...	...	...	16 0	15 8	17 0	120 0	120 0	120 0	12 0	12 0	12 0	3 3 0	3 3 0	3 2 0	Dacca.	
...	...	...	20 0	20 0	16 0	120 0	120 0	140 0	12 0	12 0	12 12	3 1 0	3 4 0	3 2 0	Furzedpore.	
...	...	...	15 0	16 0	13 0	120 0	120 0	120 0	13 0	13 0	12 0	3 0 0	3 0 0	3 4 0	Backergunge.	
...	...	...	16 0	16 0	20 0	...	...	...	12 0	12 0	12 4	3 5 0	3 5 0	3 3 0	Mymensingh.

J In Thakurgaon sub-division retail price of salt 10 seers per rupee.

K In Nattore and Nowgong sub-divisions retail price of salt 12 seers per rupee.

L In sub-divisions retail prices of salt per rupee were:—Nilphamari 13 seers and Kurigram and Gaibanda 12 seers.

M In Serajgunge sub-division retail price of salt 13 seers per rupee.

N At Siliguri retail price of salt 10 seers per rupee.

O Retail price of salt at Fallacotta in Alipore sub-division 10 seers per rupee.

P In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Moonsheegunge 10 1/2 seers, and Naraingunge 12 1/2 seers.

Q In sub-divisions retail prices of salt per rupee were:—Goalundo 12 seers and Madaripore 12 1/2 seers.

R In sub-divisions retail prices of salt per rupee were:—Patuakhali 9 1/2 seers, Perozopore 11 seers, and Bhola 10 1/2 seers.

S In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9 1/2 seers, Attea 12 seers, Jamalpore 10 1/2 seers, Sherpore 10 seers, and Netrokona 9 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts.—Concluded.																			
22	Chittagong ...	16 0	16 0	16 0	...	...	...	11 8	12 0	11 0	15 14	16 8	14 0	...	...	...
23	Noakholly ...	...	...	...	...	...	...	19 0	21 0	14 0	21 0	23 0	16 0	...	...	...
24	Tipperah ...	12 1	11 7	12 4	...	...	...	15 11	15 14	16 0	18 12	18 12	16 12	...	...	...
25	Chittagong Hill Tracts. Hill Tipperah ...	...	...	...	...	...	...	11 7	13 5	11 0	12 5	15 0	12 0	...	...	...
BEHAR.																			
26	Patna ...	19 0	20 0	21 0	32 0	32 0	28 0	11 8	11 8	11 8	24 0	24 0	17 0	26 0	26 0	18 0			
27	Gya ...	17 8	17 0	19 0	35 0	35 0	30 0	11 0	9 0	8 0	16 0	18 8	15 8	16 0	22 0	22 0			
28	Shahabad ...	16 0	16 0	19 0	28 0	27 8	28 0	8 0	10 0	8 0	16 0	17 8	18 0	...	...	...
29	Durbhanga ...	18 11	18 11	19 0	33 0	33 0	28 0	12 0	12 8	10 0	20 14	20 14	16 8	...	...	...
30	Mownaerpore ...	20 0	20 0	20 0	30 0	30 6	30 0	12 0	12 0	12 0	22 0	22 0	16 0	...	...	...
31	Saran ...	15 8	15 8	18 0	29 0	29 0	28 0	8 0	8 0	7 8	21 0	21 8	19 0	...	...	...
32	Chumparan ...	21 0	21 0	21 0	35 0	35 0	32 0	7 8	7 8	10 0	18 0	17 8	16 0	...	...	...
33	Monghyr ...	18 14	19 10	22 0	39 5	32 8	27 12	14 0	13 14	12 1	17 14	17 14	15 12	21 0	21 0	24 2			
34	Bhagulpore ...	16 11	17 10	21 3	37 14	22 11	30 5	17 10	20 3	15 2	20 3	24 0	17 10	...	...	...
35	Parasah ...	20 0	20 0	20 0	...	...	...	20 0	20 0	18 0	22 0	24 0	21 0	...	...	...
36	Maldah ...	18 0	18 8	21 0	...	...	...	14 0	13 0	10 0	21 0	25 0	21 0	...	...	...
37	Southal Pergas. ...	14 0	14 0	16 0	...	...	...	18 0	18 0	16 0	26 0	27 0	23 0	...	...	...
ORISSA.																			
38	Cuttack ...	14 7	14 7	19 11	...	...	...	13 2	13 2	10 8	18 6	18 6	17 1	...	...	...
39	Pooree ...	10 8	11 13	15 12	...	...	...	14 7	15 12	14 7	22 5	23 10	19 11	...	...	...
40	Balasore ...	16 0	18 0	18 0	13 0	13 0	13 0	14 0	14 0	13 0	27 0	28 0	24 0	...	...	...
CHOTA NAGPORE.																			
South-Western Frontier Agency.																			
41	Hazareebagh ...	19 0	19 0	17 0	21 0	22 0	24 0	9 8	10 0	10 0	19 0	19 0	18 0	...	...	...
42	Lohardugga ...	24 0	24 0	19 0	30 0	32 0	22 0	18 0	19 0	16 0	22 0	23 0	21 0	...	...	...
43	Singbhoom ...	20 0	24 0	24 0	32 0	32 0	32 0	20 0	28 0	24 0	24 0	32 0	29 0	...	...	...
44	Manbhoom ...	18 0	18 0	17 0	40 0	40 0	32 0	18 0	18 0	16 0	28 0	30 0	29 0	...	...	...

T In Cox's Bazar sub-division retail price of salt 12 seers per rupee.

U In Fenny sub-division (at Panchgatchia) retail price of salt 10 seers per rupee.

V In sub-divisions retail prices of salt per rupee were:—Brahmunberiah 12 seers and Chandpore 11½ seers.

W In sub-divisions retail prices of salt per rupee were:—Buxar 12½ seers and Sasseram and Bhaboan 11½ seers.

X In Madhubani and Tajpore sub-divisions retail price of salt 12 seers per rupee.

Y In sub-divisions retail prices of salt per rupee were:—Hajepore 12 seers and Seetamarhee 11 seers.

Z In sub-divisions retail prices of salt per rupee were:—Sewan 12 seers and Gopalgunge 11½ seers.

CALCUTTA,
The 7th June 1887.

ERS OF 80 TOLAHS.

TRA OR CUMBU.
missetum typho-
idem.)

MARVA OR RAGI.
(Eleusine Corocana.)

Next preceding return	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
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S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...
...
...

26 0	26 0	26 0	26 0	26 0
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...
...

...	33 0	31 14	28 0	...
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...	30 0	30 0	30 0	...
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...	24 0	24 0	22 8	...
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...
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...	21 0	26 11
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...
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...	...	33 0
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...
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...
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...
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...
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...
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...	31 0	32 0	28 0	...
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...	36 0	38 0	30 0	...
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...
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...
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KANGNI OR KAKUN ITALIAN MILLET. (<i>Setaria italica</i> .)	GRAM, CHAN CHHOLA, KADAI OR SUNAGA. (<i>Cicer arietinum</i>)
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Present return.	Next preceding return	Corresponding return of last year.	Present return.	Next preceding return.
-----------------	-----------------------	---------------------------------------	-----------------	------------------------

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	11 0	11 0
...	...	...	13 0	13 0
...	...	...	14 0	13 6
...
...	...	...	12 0	12 0

24 0	24 0	20 0	32 0	32 0
16 0	17 0	16 0	26 0	27 0
...	...	...	28 0	26 0
...	...	18 0	27 8	27 8
...	...	...	28 0	24 0
14 0	14 0	16 0	26 0	27 0
...	...	...	33 0	25 0
27 12	38 13	21 0	30 8	30 8
...	...	...	27 12	27 12
16 0	...	...	20 0	20 0
...	...	...	26 0	26 0
...	...	...	22 0	21 0

...	...	...	17 1	17 1
...	...	...	13 2	13 2
...	...	...	15 0	15 0

...	...	...	21 0	21 0
...	...	...	20 0	20 0
...	...	...	16 0	16 0
...	...	...	20 0	16 0

Districts of Bengal during the Fortnight ending 31st May 1887—(Concluded)

												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.
INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR. CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	...	...	9 0	10 0	10 0	80 0	75 0	100 0	T 12 0	12 0	12 0	3 0 0	3 0 0	3 4 0	Chittagong.
...	...	...	...	...	...	...	...	...	U 10 0	9 0	11 0	3 8 0	3 12 0	3 8 0	Noakhelly.
...	...	...	10 10	10 10	8 0	...	...	...	V 11 8	12 0	12 0	3 6 0	3 5 0	3 3 6	Tipperah.
...	...	...	...	...	...	320 0	320 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.
...	...	...	16 0	16 0	16 0	...	...	...	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	Hill Tipperah.
BEHAR.															
33 0	33 0	28 0	28 0	28 0	27 0	...	...	...	11 8	11 8	11 8	3 1 6	3 1 6	3 1 6	Patna.
...	...	...	21 0	22 0	23 0	100 0	140 0	200 0	11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	Gya.
...	...	...	16 0	16 0	18 0	160 0	160 0	160 0	W 12 0	12 0	12 8	3 5 0	3 5 0	3 2 0	Shahabad.
30 0	30 13	25 0	20 8	23 1	20 0	300 0	300 0	160 0	X 11 8	11 8	11 8	3 4 0	3 4 0	3 4 0	Darbhanga.
30 0	30 0	27 8	22 0	21 0	22 8	140 0	140 0	140 0	Y 12 0	12 0	12 0	3 4 0	3 4 0	3 5 0	Muzafferpore.
29 8	29 0	26 0	26 0	27 0	27 4	160 0	160 0	160 0	Z 12 0	11 8	12 0	3 4 0	3 5 0	3 1 6	Saran.
32 0	30 0	28 0	22 0	21 0	27 0	...	...	...	Z1 11 8	11 8	12 4	3 7 0	3 7 0	3 2 0	Chunparran.
42 0	42 0	21 0	21 0	21 0	21 0	126 0	126 0	126 0	Z2 12 9	12 9	13 2	3 0 0	3 0 0	2 14 6	Monghyr.
35 6	35 5	25 4	23 10	22 11	20 3	151 8	171 0	176 12	Z3 12 10	12 10	12 10	3 3 0	3 3 0	3 1 0	Bhagulpore.
...	...	...	16 0	12 0	16 0	128 0	128 0	128 0	Z4 10 8	10 8	10 0	3 6 0	3 8 0	3 9 0	Purneah.
...	...	...	...	...	...	120 0	160 0	160 0	11 0	11 8	11 8	3 6 0	3 5 0	3 6 0	Mahish.
32 0	40 0	28 0	26 0	27 0	23 0	200 0	200 0	200 0	Z5 11 8	11 8	11 8	3 4 0	3 4 0	3 7 0	Southal Pergna.
ORISSA.															
...	...	...	...	...	...	80 0	80 0	80 0	14 0	14 0	14 0	2 12 0	2 12 0	2 12 0	Cuttack.
...	...	...	14 7	15 12	18 6	70 0	70 0	80 0	14 7	14 7	14 7	2 10 0	2 10 0	2 10 0	Poorce.
...	...	...	11 0	11 0	14 0	160 0	160 0	130 0	Z6 10 8	10 8	9 8	3 6 0	3 6 0	3 14 0	Balasore.
CHOTA NAGPORE.															
South-Western Frontier Agency.															
28 0	28 0	21 0	21 0	21 0	20 0	320 0	320 0	240 0	Z7 10 0	10 0	10 8	3 8 0	3 8 0	3 7 3	Hazaribagh.
...	22 0	18 0	28 0	29 0	18 0	120 0	120 0	120 0	10 0	10 0	9 8	3 14 0	3 12 0	4 2 0	Lohardugga.
...	...	...	20 0	24 0	21 0	320 0	320 0	360 0	8 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Singbhoom.
...	...	...	23 0	24 0	18 0	240 0	240 0	240 0	Z8 10 10	10 10	11 10	3 8 0	3 8 0	3 6 6	Manohom.

- Z1 In Bettiah sub-division retail price of salt 11½ seers per rupee.
 Z2 In Beusairi and Jarnai sub-divisions retail price of salt 11 seers per rupee.
 Z3 In sub-divisions retail prices of salt per rupee were:—Banka and Muddhpurah 11 seers and Soopool 10 seers.
 Z4 In sub-divisions retail prices of salt per rupee were:—Kissengunge 10 seers and Arrareah (at Kasseegunge) 11 seers.
 Z5 In sub-divisions retail prices of salt per rupee were:—Rajmehal 12 seers, Godda 11 seers.
 Z6 In Buddhuick sub-division retail price of salt 9½ seers per rupee.
 Z7 In Girdi sub-division (at Kharagdiha) retail price of salt 12 seers per rupee.
 Z8 In Govindpore sub-division retail price of salt 12 seers per rupee.

Published for general information.

P. NOLAN,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 9 0	2 9 3	2 6 6	2 6 0	1 4 0	1 10 0	3 4 0	3 4 0	4 6 3	1 13 6	1 14 0	2 4 0
2	Serajunge ...	...	...	...	...	...	...	3 12 0	3 12 0	4 8 0	1 12 0	1 12 0	2 0 0
3	Dacca ...	2 12 0	3 0 0	2 7 0	1 11 0	1 11 0	1 8 0	2 6 0	2 6 0	2 14 0	2 0 0	2 0 0	2 7 0
4	Narsingunge ...	...	...	...	...	...	...	2 4 0	2 8 0	2 8 0	2 2 0	2 4 0	2 6 0
5	Chittagong ...	2 6 0	2 6 0	2 6 0	...	...	...	3 4 0	3 4 0	3 8 0	2 8 3	2 6 9	2 10 0
6	Patna ...	0 0	1 15 0	1 13 0	1 3 6	1 3 6	1 5 3	3 0 0	3 0 0	3 0 0	1 9 0	1 9 0	2 2 0
7	Balasore ...	2 6 0	2 4 0	2 2 0	3 0 0	3 0 0	3 0 0	2 12 0	2 12 0	3 0 0	1 6 0	1 5 0	1 10 0
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 11 0	1 8 0	1 15 0
9	Cuttack ...	2 10 0	2 10 0	2 0 0	...	...	...	3 0 0	3 0 0	3 10 0	2 2 0	2 2 0	2 2 0

CALCUTTA,
The 7th June 1887.

PRICES PER MAUND

LOWAR OR CHOLUM.
(*Sorghum Vulgare*.)

BAJRA OR CUMBU
(*Pennisetum typhoides*.)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
10 5 1	10 0 2	0 0 2	6 0 2	6 0 3	0 0 0
...
...
...
...
6 0 1	6 0 2	1 0 1	6 0 1	6 0 1	6 0 0
...
...
...

OF 40 SEERS

MARUA OR RAGI.
Eleusine Corocana.

KANGNI OR KAKU
ITALIAN MILLET.
(Setaria italica.)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. F.	R. A. F.	R. A. F.	R. A. F.	R. A. F.	R. A. F.
...	2 6 0	2 6 0	2 2
...
...
...
...
...
1 6 0	1 6 0	1 6 0	1 9 6	1 9 6	1 14 0
...
...
...

undermentioned *Marts* of Bengal during the Fortnight ending 31st May 1887.

RAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer Arietinum</i> .)			INDIAN-CORN OR MAIZE. (<i>Zea Mays</i> .)			ARHAR OR THUR CADJAN PEA. (<i>Cajanus indicus</i> .)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 9 0	1 9 0	1 12 0	1 8 0	1 8 0	1 12 0	2 0 0	2 0 0	1 15 0	0 6 9	0 6 9	0 8 3	3 0 0	3 0 0	2 12 0	Calcutta.
1 13 0	1 13 0	2 2 0	...	...	...	...	...	...	...	...	...	3 0 0	3 0 0	2 9 0	Serejgunge.
2 11 0	2 12 0	2 6 0	...	...	...	2 7 0	2 8 0	...	0 5 0	0 5 0	0 5 0	3 3 0	3 3 0	3 2 0	Dacca.
2 8 0	2 8 0	2 6 0	...	...	...	3 2 0	2 8 0	2 6 0	0 8 0	0 8 0	0 8 0	3 2 0	3 2 0	2 14 0	Narsingunge.
3 4 0	3 8 0	3 4 0	...	...	...	4 0 0	4 0 0	3 12 0	0 10 0	0 8 0	0 6 0	3 0 0	3 0 0	3 4 0	Chittagong.
1 3 6	1 3 6	1 5 0	1 3 0	1 3 0	1 6 0	1 5 0	1 5 0	1 6 0	0 5 0	0 5 0	0 4 6	3 1 6	3 1 6	3 1 6	Patna.
2 8 0	2 8 0	2 8 0	...	...	...	3 4 0	3 4 0	2 12 0	0 5 0	0 5 0	0 5 0	3 6 0	3 6 0	3 14 0	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	2 10 0	Poorce.
2 0 0	(Kakai) 2 0 0	2 0 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	2 12 0	2 12 0	2 12 0	Cuttack.

Published for general information.

P. NOLAN,
Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.														
			AIR PRESSURE.			WIND.		TEMPERATURE.									
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M. temperature.	
ORISSA.	Pooree	Gopalpore	29.638	29.688	-0.011	SSW	621.0	89.2	29th, 30th May.	80.8	1st June	88.2	82.4	85.3	+0.8	86.1	
		False Point	29.691	29.709	+0.017	SW, SSW	554.0	90.5	30th, 31st May.	82.2	29, 31st May 1st June.	89.8	82.5	86.2	-0.1	87.9	
	Cuttack	Cuttack	29.612	29.692	+0.022	S, SSW	195.0	106.4	2nd June	75.8	1st "	98.0	79.5	88.8	-1.9	91.1	
	Balasore	Balasore	29.622	29.680	+0.024	S, SSW	361.8+	92.4	2nd "	72.8	28th May	90.5	79.7	85.1	-3.5	87.9	
	South-West Midnapore	Saugor Island	29.696	29.722	+0.034	SSE	535.0	90.7	31st May	75.5	28th "	89.3	82.2	85.8	-0.9	86.5	
SOUTH-WEST BENGAL.	South 24-Pergunnahs	Midnapore	29.628	29.677	+0.022	S	265.7	93.3	1st June	70.2	28th "	92.7	77.0	84.9	-0.5	88.5	
	24-Pergunnahs	Calcutta	29.667	29.688	+0.011	SSW	291	91.0	31st, May	76.2	23th "	89.4	79.3	84.4	-1.7	86.6	
	Howrah	Burdwan	29.564	29.692	-0.015	S	195.	96.1	3rd June	72.4	23th "	92.0	78.0	85.0	-2.8	87.7	
	Bankoora	Bankoora	29.332	-	-	Southerly	52.1	97.1	2nd "	69.6	29th "	90.8	75.8	83.3	-	87.7	
	Beerbhoom	Raneegunge	29.317	-	-0.002	SSE	125.9	97.5	3rd "	73.4	31st "	92.1	77.3	84.7	-0.4	88.3	
	West Burdwan	Berhampore	29.602	29.669	-0.006	Southerly	145.4	91.7	31st, May 3rd June.	71.8	28th, 29th May.	89.4	75.4	82.4	-5.6	84.6	
	Moorshedabad	Krishnaghar	29.627	-	-	S	221.6	94.3	3rd "	71.3	1st June	91.1	76.2	83.6	-	86.6	
	Nuddea	Jessore	29.676	29.718	+0.025	S	194.8	93.8	3rd "	74.4	1st, 2nd "	91.8	78.6	85.2	-0.6	87.7	
	Jessore	Chittagong	29.711	29.800	+0.058	S	171.0	89.1	29th, May 1st June.	73.5	2nd "	87.6	77.3	82.5	-0.2	85.3	
	Khoolna	Chittagong Hill Tracts	Demagiri	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Backergunge	Barrisal	29.728	29.740	+0.008	S	240.8	91.3	30th May	74.4	2nd "	88.3	80.9	84.2	-	86.6	
	Noakholly	Noakholly*	29.709	29.752	-	Southerly	90.4	89.2	30; 1st June	74.3	2nd "	87.8	79.0	83.4	-	86.6	
	Furzedpore	Furzedpore	29.673	-	+0.032	S	247.0	89.5	29th, 31st May.	72.4	2nd "	87.8	77.8	82.8	-0.1	85.3	
	Dacca	Dacca	29.701	29.723	+0.035	S	207.0	94.1	28th "	74.1	2nd "	89.5	78.7	84.1	0	85.3	
	Tipperah	Commillah	29.721	29.756	+0.059	SE	158.3	92.3	31st "	71.8	2nd "	89.1	77.0	83.1	+0.8	85.3	
	Mymensingh	Mymensingh	29.665	-	+0.034	Calm & southerly	116.0	95.3	31st "	72.9	29th May	87.9	75.5	81.7	+0.6	85.3	
EAST BENGAL.	Bogra	Bogra	29.614	29.677	-	ESE	142.6	91.8	30th "	72.8	28th "	87.9	74.4	81.2	-	85.3	
	Pubna	Serajunge	29.665	29.702	+0.025	SSE	172.0	91.1	31st "	67.7	23th "	88.2	74.4	81.6	-1.2	86.6	
	Rajahshye	Rampore Beau-leah.	29.594	29.663	-0.004	SE	215.6	91.3	3rd June	69.7	29th "	88.5	73.2	80.9	-5.0	85.3	
	Maldah	Maldah	29.568	-	-	SE	54.1	87.0	28th, May	69.5	31st "	84.4	73.2	78.8	-	79.7	
	Dinagopore	Dinagopore	29.580	29.702	+0.020	ENE	158.1	88.1	28th "	72.1	28th "	84.6	74.2	79.4	-4.3	79.7	
NORTH BENGAL.	Rungpore	Rungpore	29.585	29.711	-0.020	Calm	159.3	89.8	28th "	71.7	28th May & 1st June.	84.7	74.5	79.6	-1.8	79.7	
	Julpigoree	Julpigoree	29.467	29.758	+0.033	NE	190.6	87.9	28th "	71.8	28th, 29th May.	82.5	72.8	77.7	-3.1	79.7	
	Cooch Behar	Darjeeling Hill Districts	22.938	-	-0.024	Calm	131.1	63.6	2nd June	50.6	28th "	60.4	52.9	56.6	-2.2	59.7	
	Purneah	Purneah	29.566	29.684	-0.006	NE	45.9	86.2	3rd "	72.6	1st June	79.8	73.3	76.6	-7.8	79.7	
	North Bhagulpore	Mozufferpore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH BENGAL.	Mozufferpore	Mozufferpore	29.494	29.663	+0.001	ENE	264.0	88.4	28th May	72.5	3rd "	83.7	74.6	79.2	-8.0	79.7	
	Durbhunga	Motihari	29.433	29.662	+0.033	SE	239.8	87.2	1st June	70.8	3rd "	84.6	73.3	79.0	-8.1	79.7	
	Chumparun	Chupra	29.433	-	-0.015	E, ENE	138.7	93.5	28th May	73.6	28th, 29th May.	83.6	75.2	79.4	-12.0	79.7	
	Sarun	Dehree	29.272	29.627	+0.011	Northerly	210.4	88.4	3rd June	69.0	2nd "	83.7	74.1	78.9	-11.0	79.7	
	Shahabad	Buxar	29.404	29.648	+0.029	NE	238.0	88.9	2nd "	72.8	28th May	83.0	74.9	78.9	-13.9	79.7	
SOUTH BENGAL.	Arrah	Arrah	29.428	29.627	+0.069	E	143.6	88.4	2nd "	73.1	28th, 29th May.	82.5	75.3	78.9	-	79.7	
	Gya	Gya	29.235	29.612	-0.045	Calm	79.0	91.4	2nd "	76.8	28th "	87.7	80.9	84.3	-8.3	79.7	
	Patna	Bankipore	29.470	29.655	+0.002	NE	175.0	85.4	1st, 2nd "	73.2	29th "	81.2	75.3	75.3	-13.3	79.7	
	South Bhagulpore	Bhagulpore	29.478	29.642	+0.012	E	98.1	85.4	30th May	73.0	29th "	83.0	74.4	78.7	-6.9	79.7	
	Monghyr	Doomka	29.138	-	-	SSE	35.1	91.1	30th "	71.8	29th, 30th May.	87.6	74.4	81.0	-	79.7	
CHUTIA NAGPUR.	Hazaribagh	Hazaribagh	27.654	29.630	-0.016	Variable	281.0	95.5	3rd June	68.7	28th, 29th May.	86.6	73.9	80.3	-6.3	79.7	
	Lohardugga	Ranchee	27.634	29.619	-0.015	SW	189.1	98.5	3rd "	70.9	28th, 29th May.	89.4	74.4	81.9	-6.1	79.7	
	Manbhoom	Chyebassam	28.865	-	-	S, SSW	76.2	98.8	3rd "	73.6	29th "	96.0	78.6	87.3	-	79.7	
	Singbhoom	Sibsagar	29.459	29.796	+0.033	SW, NE	69.0	92.6	28th May	71.1	2nd June	85.2	73.6	79.4	-2.4	79.7	
	Assam	Dhubri	29.617	29.736	-0.003	North-easterly	295.0	87.2	30th "	72.8	1st "	82.4	74.4	78.4	-3.4	79.7	
ASSAM.	Silchar	Silchar	29.685	29.791	+0.042	Calm	75.0	93.6	29th, 30th May	71.3	3rd "	88.3	75.3	81.8	+0.8	79.7	

Explanation. - Summary. - The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the past years. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The means are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the same period. A rainy day is one on which at least hundredth of an inch fell.

* Mean for 6 days.
+ " " " "

for the week ending Friday, the 3rd June 1887.

DISTRICT OBSERVATIONS.															Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.									Average number of rainy days.	Normal number of rainy days.				
			Of week.		Since 1st of May.			Since 15th May 1887.									
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.							
79	3.6	Nil	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA.	
80	8.4	Nil	0.01	0.78	5.34	3.26	+2.08	4.24	1.92	+2.32	0.2	1.7	False Point	Cuttack	ORISSA.		
67	6.7	0.07	0.13	1.47	6.13	4.18	+1.95	4.97	2.69	+2.28	0.4	2.1	Cuttack	Cuttack	ORISSA.		
77	2.4	0.20	0.58	1.15	9.06	5.08	+3.98	7.16	2.79	+4.37	0.2	2.0	Balasore	Balasore	ORISSA.		
84	9.1	0.19	0.37	1.29	3.86	5.55	—1.69	2.95	2.92	+0.03	1.7	2.1	Saugor Island	South-West Midnapore	ORISSA.		
71	6.0	3.61	0.36	1.16	5.96	5.69	+0.27	5.92	2.54	+1.38	1.3	2.0	Midnapore	South 24-Pergunnahs	ORISSA.		
77	9.9	0.75	0.64	1.67	6.12	6.57	—0.45	2.70	3.56	—0.86	1.6	2.5	Calcutta	24-Pergunnahs	ORISSA.		
74	10.0	2.41	4.38	1.23	11.75	5.60	+6.15	9.69	2.98	+6.71	2.7	1.8	Burdwan	Howrah	ORISSA.		
75	5.3	2.77	2.48	1.63	4.90	4.86	+0.04	3.46	2.85	+0.64	2.3	2.1	Bankoora	Hooghly	ORISSA.		
79	8.1	2.78	3.77	6.90	9.21	8.55	+5.66	7.39	2.17	+5.13	4.0	1.9	Raneegunge	Burdwan	ORISSA.		
89	10.0	8.99	7.11	1.34	13.44	5.59	+7.85	11.02	3.42	+7.60	5.7	2.1	Berhampore	West Burdwan	ORISSA.		
79	9.3	4.16	3.61	1.79	10.74	7.18	+3.16	7.06	4.34	+3.34	3.8	2.4	Krishnaghur	Moorsheadabad	ORISSA.		
78	8.9	0.47	1.15	1.62	6.76	7.83	—1.07	2.69	4.33	—1.64	1.3	2.8	Jessore	Nuddea	ORISSA.		
77	8.6	1.42	—	3.68	—	12.64	—	7.96	—	—	—	3.3	Chittagong	Jessore	ORISSA.		
73	5.3	0.79	0.37	2.52	8.46	5.27	—0.82	2.66	5.68	—3.65	1.0	3.4	Demagiri	Khoolna	ORISSA.		
73	5.3	0.26	0.69	4.05	9.29	13.46	—4.17	2.19	7.87	—5.68	1.3	3.4	Barrisal	Chittagong Hill Tracts	ORISSA.		
81	4.7	2.07	2.02	2.00	6.93	10.63	—3.10	1.22	5.72	—4.50	2.0	2.7	Noakholly	Backergunge	ORISSA.		
79	7.4	0.41	1.17	2.24	6.65	10.53	—3.88	2.68	5.25	—2.67	2.5	3.3	Naakholly	Noakholly	ORISSA.		
79	6.9	1.68	—	2.85	—	12.31	—	6.28	—	—	—	3.5	Furreedpore	Furreedpore	ORISSA.		
82	9.0	7.45	7.56	2.35	13.01	11.11	+1.90	9.70	6.04	+3.72	3.8	3.3	Dacca	Dacca	EAST BENGAL.		
80	10.0	23.08	—	1.91	—	8.69	—	5.26	—	—	—	2.6	Commillah	Tipperah	EAST BENGAL.		
87	8.6	13.17	8.65	1.59	10.72	8.22	+2.50	9.10	4.99	+4.20	2.4	2.4	Mymensingh	Mymensingh	EAST BENGAL.		
85	5.6	7.06	—	1.59	—	6.85	—	3.94	—	—	—	5.0	Bogra	Bogra	EAST BENGAL.		
91	7.9	13.00	9.46	0.80	12.30	4.55	+7.75	11.62	2.79	+8.73	5.6	1.6	Serajgunge	Pubna	EAST BENGAL.		
90	9.7	17.05	11.28	1.79	16.35	6.41	+9.94	10.15	4.18	+10.95	4.3	2.3	Rampore Beaulah	Rajshahye	EAST BENGAL.		
90	4.7	13.67	16.48	2.76	21.98	12.21	+9.77	10.36	8.38	+10.98	5.8	2.6	Maldah	Maldah	EAST BENGAL.		
91	9.0	12.13	10.61	3.00	21.36	15.05	+6.31	10.92	16.37	+6.55	3.7	3.7	Dinapore	Dinapore	EAST BENGAL.		
97	9.7	12.40	—	2.58	—	11.51	—	7.25	—	—	—	3.9	Rungpore	Rungpore	EAST BENGAL.		
91	8.9	19.21	11.09	0.86	16.56	4.61	+11.95	15.47	2.67	+12.80	4.7	1.3	Julpigoree	Julpigoree	EAST BENGAL.		
90	9.8	4.29	4.48	0.53	7.29	2.62	+4.67	9.39	1.34	+5.05	4.0	0.8	Cooch Behar	Cooch Behar	EAST BENGAL.		
78	8.9	1.87	1.41	0.70	2.81	3.06	—0.25	2.40	1.77	+0.70	1.1	0.7	Darjeeling	Darjeeling Hill Districts	EAST BENGAL.		
89	8.9	0.89	2.56	0.42	4.81	2.09	+2.72	4.00	1.00	+3.60	2.3	0.8	Purneah	Purneah	EAST BENGAL.		
80	7.7	3.04	—	—	—	—	—	—	—	—	—	—	North Bhagulpore	North Bhagulpore	EAST BENGAL.		
88	9.0	2.95	2.69	0.23	6.02	1.11	+4.91	6.01	0.58	+5.43	2.3	0.7	Mozufferpore	Mozufferpore	EAST BENGAL.		
89	9.3	7.97	—	—	—	—	—	—	—	—	—	3.8	Durbhunga	Durbhunga	EAST BENGAL.		
78	8.3	2.53	2.40	0.36	5.33	1.76	+3.57	6.26	1.33	+3.95	4.0	0.7	Chupra	Chumpran	EAST BENGAL.		
82	10.0	7.97	5.20	0.40	7.77	1.93	+5.84	7.72	1.24	+6.48	4.2	1.1	Sarun	Sarun	EAST BENGAL.		
89	6.3	4.81	6.05	0.47	8.67	2.31	+6.36	7.42	1.49	+5.93	—	1.0	Shahabad	Shahabad	EAST BENGAL.		
80	10.0	7.68	7.37	0.85	13.12	3.69	+9.43	11.66	2.28	+9.60	3.0	1.5	Arrah	Arrah	EAST BENGAL.		
67	8.6	1.41	—	0.76	—	2.78	—	1.60	—	—	—	1.5	Gya	Gya	EAST BENGAL.		
62	5.6	0.41	1.87	0.62	7.24	2.62	+4.72	6.54	1.58	+4.96	—	1.7	Bankipore	Bankipore	EAST BENGAL.		
60	6.7	1.60	1.26	0.89	11.46	4.12	+7.34	9.41	2.53	+6.88	—	2.5	South Bhagulpore	South Bhagulpore	EAST BENGAL.		
89	8.4	5.47	—	—	—	—	—	—	—	—	—	—	Monghyr	Monghyr	EAST BENGAL.		
91	8.3	8.22	—	—	—	—	—	—	—	—	—	—	Doomka	Doomka	EAST BENGAL.		
77	9.0	11.57	—	—	—	—	—	—	—	—	—	—	Hazaribagh	Hazaribagh	EAST BENGAL.		
													15	Hazaribagh	Hazaribagh	EAST BENGAL.	
													17	Ranchee	Ranchee	EAST BENGAL.	
													25	Chyabassa	Chyabassa	EAST BENGAL.	
														Sibsagar	Sibsagar	EAST BENGAL.	
														Dhubi	Dhubi	EAST BENGAL.	
														Silchar	Silchar	EAST BENGAL.	

REMARKS. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 The average cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall, the normal mean is the mean of the district, the means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-division.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of May.	Average total rainfall from 1st of May.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 28th May.	Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Number of rainy days.	of Rainfall week.				
ORISSA	Pooree	Pooree	0.05							Nil	Nil	2.45	2.70	1.55	1.64
		Khurda								1	0.05	2.82	3.05	1.57	2.34
		Banpur								Nil	Nil	2.75	2.78	1.50	1.77
		False Point								Nil	Nil	13.34	3.02	12.25	2.14
		Gop								Nil	Nil	5.20	?	3.68	?
	Cuttack	Pipli										2.46	?	2.46	?
		Jagatsingapore								Nil	Nil	6.73	2.59	4.28	1.14
		Bauki	0.29							1	0.29	2.01	3.65	1.38	3.05
		Cuttack								Nil	Nil	4.38	4.77	3.00	3.00
		Kendrapara								Nil	Nil	7.03	4.51	6.24	2.14
	Balasore	Jaipore	0.35							1	0.35	10.48	5.04	9.60	3.01
		Dharmasalla								Nil	Nil	6.03	?	5.63	?
		Salipore								Nil	Nil	2.96	?	2.80	?
		Chandoli								Nil	Nil	13.55	5.16	13.20	2.17
		Bhuddruck								Nil	Nil	11.31	5.79	8.76	3.72
SOUTH-WEST BENGAL.	Midnapore	Sorah								Nil	Nil	8.94	5.11	6.51	3.11
		Balasore	3.45							1	3.45	11.85	5.09	10.61	2.49
		Jellapore								Nil	Nil	2.70	3.94	1.10	2.23
		Baripodda		0.63						1	0.63	6.02	5.37	3.49	2.21
		Contai	0.01	0.10						2	0.11	3.78	5.34	3.14	2.77
	24 Pergunnahs	Saugor Island	0.19							1	0.19	3.91	5.44	2.74	3.11
		Tumlook								Nil	Nil	4.40	5.57	2.60	2.87
		Midnapore		0.22		0.32			0.10	3	0.64	6.79	5.60	4.50	2.33
		Ghattal				0.44				1	0.44	6.70	5.83	4.66	2.37
		Deog								Nil	Nil	4.93	?	2.53	?
	Howrah	Heria								Nil	Nil	4.09	?	3.23	?
		Bhagwanpore								Nil	Nil	2.80	?	2.25	?
		Garbeta	3.25			0.48				2	3.73	4.82	?	4.23	?
		Diamond Harbour	0.64			0.16				2	0.80	3.85	5.88	2.95	2.85
		Canning Town								Nil	Nil	6.43	?	2.35	?
	Hooghly	Alipore Jail				0.35				1	0.35	6.49	6.86	3.01	3.48
		Barrackpore	0.92			0.35				2	1.27	7.44	6.32	3.04	3.35
		Dum-Dum	0.54			1.27				2	1.81	9.51	6.63	3.43	3.79
		Baraset	0.05	0.13		0.47				3	0.65	5.12	7.10	2.98	3.73
		Buseerhat				0.45				1	0.45	4.58	7.63	2.73	4.63
	Burdwan	Howrah	0.8			0.57				2	0.85	7.71	5.98	2.94	3.23
		Moheroka								Nil	Nil	3.83	6.97	0.91	3.54
		Hooghly		0.03		0.47				2	0.50	6.53	3.04	2.27	3.13
		Serampore			0.25					1	0.25	4.28	6.77	1.76	3.63
		Jehanabad	0.55			0.35				2	0.90	5.81	5.42	4.82	2.90
	Bankoora	Culina	1.75							1	1.75	7.21	5.42	5.75	2.68
		Burdwan	1.60	0.28		0.13				3	2.01	10.04	5.61	7.60	2.98
		Cutwa	4.40	0.10		0.37		3.89		4	9.14	18.01	5.76	13.73	3.30
		Rancegunge	1.06	0.43		1.36				3	2.84	6.99	3.30	5.31	2.17
		Mankur	0.78			1.30			0.60	3	2.68	6.10	?	3.40	?
	Beerbhoom	Bankoora	1.14	0.14		1.48				3	2.76	4.27	4.70	3.42	3.04
		Bishenpore	1.48			0.48				2	1.96	4.43	6.84	2.55	1.64
		Maliara	0.72			3.00				2	3.72	7.14	3.78	5.00	2.18
		Khatra	0.92			0.54				2	1.46	3.76	4.10	2.98	2.53
		Indas	2.13	0.42		0.32				3	3.07	6.77	?	3.57	?
	Nuddea	Kotalpore				0.40				1	0.60	4.06	?	2.91	?
		Anda				0.50	0.40			2	0.90	1.85	?	1.75	?
		Gangajalghati	0.86			2.83				2	3.69	5.90	?	5.34	?
		Raipore	3.25	0.25		0.45				3	3.95	7.42	?	4.82	?
		Sonamukhi	1.70			1.10				2	2.80	3.89	?	3.89	?
	Jessore	Bh. Soery	3.18	0.29	0.32	1.20	0.12			5	5.11	10.59	4.00	8.90	2.11
		Hetampore	0.99	0.66	0.92					3	1.97	6.46	2.97	5.22	1.63
		Rampore Haut	1.26	0.43	0.74	0.72	2.46			5	5.17	12.57	3.64	9.77	2.34
		Bolpore	0.96			1.21	1.01			3	2.28	5.63	?	4.11	?
		Ranaghat	0.90	0.41		0.05		0.92		4	1.98	6.81	6.24	4.58	3.85
	Khoolna	Kishnaghur	2.57				1.36			2	3.93	12.19	6.47	8.58	3.57
		Choodanga	1.12	0.84			0.73	0.96		4	2.75	7.87	8.91	6.09	5.57
		Meherpore	5.33		0.73	0.69	0.39	0.19		5	6.93	13.99	5.91	11.59	3.50
		Kooshtea	0.83	0.26			0.72	0.63		4	2.44	8.81	8.35	7.59	5.19
		Satkura				0.44				1	0.44	7.04	7.06	2.36	3.41
	Moorshedabad	Bagichat								Nil	Nil	7.08	7.06	1.70	4.19
		Khoolna						0.48		1	0.48	9.15	7.41	1.27	3.54
		Narail					0.42	0.12		2	0.54	4.18	8.05	0.87	4.19
		Jessore					1.17			1	1.17	0.71	9.38	2.54	4.40
		Jhenidah	0.80	0.65			1.39			3	2.75	6.29	7.54	4.71	4.40
	Chittagong	Magoorah					2.05			1	2.05	6.04	9.33	3.95	5.70
		Bongong					1.47			1	1.47	3.66	7.11	3.06	4.19
		Kandi	0.70	0.05	0.50	0.75	2.05		0.26	6	4.32	10.39	4.99	8.29	3.90
		Berhampore	2.68	0.43	0.68	0.48	3.12			5	7.39	11.55	5.97	9.85	3.90
		Lalbagh	3.40	1.32	1.02	0.54	3.36			5	9.64	15.56	5.97	12.45	3.90
EAST BENGAL.	Chittagong	Azimungo	2.94	1.03	1.14	0.65	1.12	0.06		6	6.04	12.12	5.47	10.90	3.70
		Jungipore	2.74	1.59	0.63	0.40	0.72	0.40		6	6.48	14.42	5.03	13.50	3.70
		Lalgaia	3.62	0.82	0.85	0.50	1.73	0.40		6	7.92	15.00	6.07	12.04	3.70
		Akhrganj	3.88	0.95	1.00	1.90	0.43	0.25		6	8.41	11.49	?	10.36	?
		Patkabari	0.20		0.35	0.45	0.50			4	1.50	7.25	?	4.50	?
	Chittagong Hill Tracts.	Cox's Bazar					0.36		1.46	2	1.82	9.75	12.84	2.59	8.60
		Chittagong					0.60						12.41	?	?
		Kutubdia											?	?	?
		atkania											?	?	?
		Rangamati	0.09				0.59	0.56	0.39	4	1.54	10.77	12.11	4.60	6.70
	Buckergunge	Ruma											12.09	?	?
		Patuakhailly								Nil	Nil	5.04	10.30	1.92	6.70
		Peropore								Nil	Nil	9.81	8.97	2.21	4.19
		Burrisal						0.86				9.96	9.08	2.80	6.70
		Bhola					0.30	0.26	0.05	3	0.62	7.05	9.54	1.49	6.70

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887—contd.

Geographical division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of May.	Average total rainfall from 1st of May.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 28th May.	Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Number of rainy days.	of rainfall week.				
WEST BENGAL—contd.	Noukholly	Gournaddi	.....	.....	.....	.....	.....	0'34	.....	1	0'34	8'40	?	0'96	?
		Bauphal	.....	.....	.....	.....	.....	0'02	0'11	2	0'13	5'30	?	0'70	?
		Noukholly	.....	.....	.....	.....	.....	0'13	.....	1	0'13	8'08	12'46	0'82	7'45
		Harishpore	0'15	.....	.....	.....	.....	1'10	.....	2	1'25	9'7	14'45	3'55	8'23
	Furr. & Moore	Ramganj	.....	.....	.....	.....	1'16	0'16	.....	2	1'32	9'44	?	1'63	?
		Madanpore	.....	.....	.....	.....	1'25	.....	.....	1	1'25	6'35	10'70	2'96	5'58
		Furzedpore	.....	.....	.....	.....	1'01	0'16	.....	2	1'17	7'00	10'46	2'76	6'03
	Dacca	Gokuldo	.....	0'21	.....	.....	.....	0'16	.....	3	2'79	6'55	8'93	3'95	4'96
		Munshigunge	.....	.....	.....	.....	2'39	0'51	0'72	2	1'23	7'48	11'33	2'39	6'18
		Dacca	.....	.....	.....	.....	0'35	0'04	.....	2	0'39	6'75	10'20	2'02	5'46
		Naraincunge	.....	.....	.....	.....	0'56	0'27	.....	2	0'83	5'45	10'42	2'20	4'17
Hill Tipperah	Tipperah	Manickcunge	0'01	0'01	.....	.....	2'13	0'08	.....	4	2'23	6'90	10'13	3'67	5'19
		Joydepore	.....	0'06	.....	.....	2'27	.....	.....	.....	.....	.....	?	?	?
		Agartola	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12'34	.....	6'30
		Comilla	.....	.....	.....	.....	0'47	0'85	0'10	3	1'42	5'97	12'02	1'99	6'60
	Tipperah	Chandpore	.....	.....	.....	.....	.....	1'40	0'10	2	1'50	7'6	12'01	2'80	5'65
		Kranmunberis	.....	.....	.....	.....	0'63	.....	.....	.....	.....	.....	12'28	.....	6'47
		Ramchandrapore.	.....	.....	.....	.....	0'12	0'11	0'10	3	0'33	6'18	?	1'21	?
		Nasirnagar.	0'20	.....	.....	.....	1'61	1'01	.....	.....	.....	.....	?	?	?
	Mymensingh.	Daudkandi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?
		Kasba	.....	.....	.....	.....	0'40	0'05	0'17	3	0'62	4'58	?	0'73	?
		Laksham	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?
		Kishor-gunge	.....	.....	.....	.....	3'55	1'79	.....	2	5'37	10'64	12'32	8'97	6'68
SOUTH BENGAL	Pubna	Atin (Tangail)	.....	0'2	.....	.....	2'37	0'11	.....	3	2'48	8'30	10'67	8'00	4'55
		Mymensingh	0'01	0'50	0'10	.....	5'26	6'30	.....	5	6'37	14'15	12'06	9'17	7'94
		Jamshore	0'08	.....	.....	.....	6'81	0'02	0'23	4	6'84	15'50	9'87	12'33	5'20
		Netrokona	0'30	0'08	.....	0'32	5'32	3'00	.....	5	9'11	14'10	12'37	9'77	5'86
	Rogra	Subornakhaty	1'11	1'08	.....	.....	5'40	0'14	0'38	5	9'01	11'32	?	9'95	?
		Durgapore	1'14	.....	0'08	.....	11'11	1'00	.....	5	12'11	?	?	?	?
		Dewanganj	0'58	.....	0'15	1'49	10'67	.....	.....	4	22'19	31'14	?	20'76	?
		Pubna	0'36	0'27	.....	.....	1'21	0'26	.....	4	2'09	4'49	8'22	3'66	4'78
	Rajshahye	Seraingunge	1'15	1'08	0'02	0'29	10'87	.....	0'50	6	14'09	18'01	8'21	14'01	5'00
		Sherpore	2'45	0'73	0'35	1'83	5'25	.....	.....	5	13'61	14'91	9'52	13'80	5'90
		Nowshilla	2'16	0'22	0'12	1'16	10'90	0'95	.....	6	16'40	17'53	7'88	17'10	4'52
		Rogra	3'28	1'22	0'01	.....	.....	.....	.....	.....	.....	.....	9'10	.....	8'41
Maldah	Panchbibi	5'26	0'84	1'06	2'00	4'00	.....	.....	5	13'16	17'01	8'24	17'01	5'16	
	Beaulah	2'57	.....	.....	.....	.....	.....	.....	.....	.....	.....	6'77	.....	3'74	
	Natore	2'10	1'08	0'15	0'75	1'90	.....	.....	5	6'38	8'89	7'52	8'34	4'3	
	Naogaon	4'38	.....	0'07	1'28	4'41	.....	.....	4	10'34	14'05	?	13'03	?	
Maldah	Lalpur	3'00	0'61	.....	0'10	0'25	.....	.....	4	3'96	7'94	?	7'06	?	
	Manda	3'70	0'22	0'46	0'30	2'86	.....	.....	5	7'54	12'96	?	10'13	?	
	Maldah	2'80	2'82	2'55	0'85	3'98	.....	.....	5	13'00	16'55	4'04	15'31	3'30	
	Chanchal	1'75	0'55	1'89	1'76	0'06	.....	.....	6	5'92	8'04	5'06	7'70	3'30	
Dinapore	Gajol	2'00	1'20	0'30	.....	.....	.....	.....	.....	.....	.....	?	?	?
	Sibganj	4'09	1'05	1'00	0'80	1'60	.....	.....	5	9'33	13'15	?	11'84	?	
	Mohadebpore	1'63	0'50	0'47	6'70	0'24	.....	.....	5	9'56	10'01	7'51	13'76	4'55	
	Churamon	3'01	0'93	1'43	5'42	0'13	.....	.....	6	10'92	16'20	4'85	14'22	3'01	
Rangpore	Raigunge	3'87	0'72	0'84	2'35	0'26	0'03	.....	6	8'05	12'20	6'42	11'52	3'78	
	Dinapore	4'87	1'61	0'98	5'85	0'30	0'05	0'02	7	13'69	20'69	7'60	19'64	5'31	
	Baloorkhat	3'02	4'27	0'05	1'59	4'36	.....	.....	5	14'19	5'61	.....	.....	4'21	
	Bhawanigunge (Gyabanda)	2'67	0'78	0'85	4'25	3'44	0'40	0'04	7	18'43	23'04	9'90	20'13	6'41	
SOUTH BENGAL	Jalpaiguri	Rangpore	8'03	1'54	0'54	1'16	2'33	0'02	0'05	7	13'50	18'42	11'28	15'27	8'21
		Kurigram	0'40	2'13	1'07	3'21	4'80	.....	0'07	6	11'08	18'48	15'81	13'58	1'37
		Bagdogra	0'79	0'45	1'51	8'65	4'73	.....	.....	5	22'13	25'00	11'80	23'61	8'46
		(Nilphamari).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cooch Behar	Ulipore	1'21	0'81	0'62	5'40	4'93	.....	0'20	6	11'17	15'08	?	12'16	?
		Jalpaiguri	0'45	1'86	0'95	2'45	0'87	.....	0'86	6	13'44	24'52	13'17	19'85	8'87
		Alipore Doar	1'61	1'82	1'32	1'54	.....	.....	0'84	5	7'15	25'73	?	18'20	?
		Fallacotta	3'72	0'32	0'44	1'39	2'08	.....	2'09	6	10'44	19'91	?	15'01	?
	Cooch Behar	Debiganj	5'62	0'58	0'82	4'25	1'60	0'05	.....	6	12'82	?	?	?	?
		Dunhatta	0'87	0'73	0'75	5'55	1'72	.....	0'15	6	9'77	21'84	16'47	16'10	11'78
		Cooch Behar	1'22	0'95	0'96	2'80	3'62	.....	0'84	6	10'39	22'10	17'01	17'28	11'10
		Miekhigunge	3'95	0'88	1'92	5'1	1'83	.....	.....	5	11'69	21'33	13'61	16'98	9'42
SOUTH BENGAL	Darjeeling Hill.	Matahnanka	1'52	0'33	0'80	2'60	2'41	.....	0'02	6	7'77	16'97	14'98	14'34	10'69
		Buxa	3'78	1'32	0'34	3'12	0'96	0'14	0'06	7	9'72	20'96	21'97	22'06	15'30
		Siliguri	5'65	2'09	0'62	2'70	0'05	0'17	.....	.....	.....	.....	8'07	.....	5'95
		Darjeeling	3'00	0'87	0'06	1'80	.....	.....	0'02	.....	.....	.....	9'03	.....	4'81
	Purnea	Kalimpong	2'50	0'46	0'06	1'40	0'03	0'17	0'13	7	4'75	10'15	6'99	8'90	2'92
		Kissengunge	5'82	0'75	0'53	7'83	10'11	0'32	.....	6	15'35	21'38	5'80	18'50	3'66
		Arrah	1'74	0'16	0'79	7'09	0'07	.....	.....	5	9'76	16'28	5'62	15'02	3'12
		Purnea	1'47	0'06	3'28	8'43	0'06	.....	.....	5	13'30	22'77	5'78	22'34	2'24
	North Khargui-pore.	Gondwara	4'11	1'5	0'3	4'33	3'00	.....	.....	5	12'74	?	?	?	?
		Balarampore	3'40	0'93	0'21	.....	.....	.....	.....	.....	.....	.....	?	?	?
		Matari	1'31	0'55	1'00	2'55	.....	.....	.....	4	5'41	10'13	?	9'21	?
		Kaliaganj	1'51	1'00	.....	4'35	0'20	.....	.....	4	9'06	?	?	?	?
Dumka	Madanpore	0'77	0'39	7'35	0'48	.....	0'22	.....	5	9'21	12'80	3'83	12'31	2'06	
	Sooopool	0'72	0'20	4'50	1'53	.....	0'44	.....	5	7'39	9'60	4'07	9'19	2'39	
	Protaganj	0'73	1'32	3'35	0'50	.....	.....	.....	4	5'09	9'93	?	9'70	?	
	Dumka	2'10	1'50	1'38	0'10	.....	.....	.....	4	5'08	7'28	2'14	7'28	0'87	
SOUTH BENGAL	Dumka	Dumka	0'48	0'29	2'09	0'42	.....	0'80	.....	5	4'08	8'18	2'60	6'09	1'37
		Madhubani	0'44	0'32	1'18	1'50	.....	0'84	.....	5	4'28	6'41	3'14	5'81	1'81
		Dumka	1'05	0'20	1'75	.....	.....	1'45	.....	4	4'45	6'50	?	5'90	?
		Dumka	1'10	0'75	4'40	.....	.....	.....	.....	3	6'25	9'24	?	8'00	?
	Sunderbore	Sitamarhi	0'95	0'30	0'15	0'13	.....	0'01	.....	5	1'54	3'66	2'84	3'31	1'51
		Mozufferpore	0'02	1'04	0'17	0'27	.....	0'92	.....	5	3'92	6'97	2'67	6'57	1'35
		Hajipore	2'13	3'31	2'26	0'15	.....	.....	.....	4	7'85	10'51	1'50	10'40	0'70
		Para	1'43	1'35	3'00	0'30	.....	.....	.....	4	6'08	9'01	?	8'08	?
	Unnao	Mahua	0'06	3'00	1'72	.....	.....	.....	.....	3	5'67	7'72	?	7'72	?
		Sinhar	0'94	0'48	6'07	0'90	0'70	.....	.....	5	3'01	6'30	?	4'61	?
		Papri	0'23	0'16	0'30	0'80	.....	0'35	.....	5	2'19	4'64	?	3'98	?
		Motinar	0'88	0'19	0'01	.....	.....	0'23	.....	4	1'31	3'93	2'68	2'93	1'28
Unnao	Betwah	0'64	0'12	.....	.....	.....</						

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 3rd of June 1887—*contd*

Met. orological Division.	District.	Station.	RAINFALL							TOTAL		Total rain-fall since 1st of May.	Average total rain-fall from 1st of May.	Total rain-fall since 1st of May 1887.	Average rain-fall from 1st of May to date.
			Saturday, 29th May.	Sunday, 30th May.	Monday, 31st May.	Tuesday, 1st June.	Wednesday, 2nd June.	Thursday, 3rd June.	Friday, 4th June.	Number of rainy days.	of Rainfall week.				
NORTH BEHAR	SARAI	Gopalgunge ...	1.10	0.25	0.10	.....	.....	0.41	.....	4	1.86	3.52	3.02	2.80	.....
		Sewan ...	1.83	0.46	0.19	.....	.....	0.15	.....	4	2.13	3.53	1.87	3.53	.....
SOUTH BEHAR	Shahabad	Chuprah ...	2.53	0.75	0.33	0.03	.....	.....	.....	4	3.69	7.30	1.85	7.30	.....
		Buxar ...	1.73	0.04	0.24	.....	.....	.....	.....	3	2.01	5.74	0.79	5.74	.....
		Dehree ...	1.80	0.04	.....	.....	.....	.....	.....	3	1.84	5.81	?	5.79	.....
		Bhubooh ...	2.99	.....	.....	.....	.....	.....	.....	1	2.99	3.13	1.16	3.13	.....
		Sasseram ...	0.60	0.05	.....	.....	.....	.....	.....	2	0.65	4.75	1.14	4.75	.....
		Atraah ...	2.89	1.40	0.20	.....	.....	.....	.....	3	5.10	10.42	1.35	10.40	.....
		Mohanias ...	0.40	0.30	.....	.....	.....	.....	.....	2	0.70	?	?	?	.....
	Gya	Aurangabad ...	2.97	0.14	.....	.....	.....	.....	.....	2	3.11	8.47	1.41	8.34	.....
		Gya ...	1.81	0.24	.....	.....	.....	.....	.....	2	2.05	4.25	1.61	4.25	.....
		Nowadah ...	1.44	0.39	0.07	.....	.....	.....	.....	3	1.90	2.82	2.18	2.82	.....
		Jehanabad ...	0.70	0.34	1.40	.....	.....	.....	.....	3	2.53	5.73	1.76	5.70	.....
		Arwal ...	1.23	0.58	0.70	0.14	.....	.....	.....	4	2.65	7.59	?	7.25	.....
		Daudnagar ...	2.50	.....	.....	.....	.....	.....	.....	1	2.50	6.50	?	6.50	.....
		Sherghati ...	3.00	0.10	.....	.....	.....	.....	.....	2	3.10	5.58	?	5.58	.....
		Kajauli ...	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	.....
	Patna	Pakri barawan ...	0.60	.....	0.50	.....	.....	.....	.....	2	1.10	1.68	?	1.68	.....
		Patna ...	1.68	4.30	0.88	0.15	.....	.....	.....	4	7.01	9.61	1.90	9.47	.....
		Dinapore ...	2.33	2.46	1.08	0.30	.....	.....	.....	4	6.17	9.24	1.30	9.24	.....
		Behar ...	2.00	0.80	0.78	.....	.....	.....	.....	3	3.58	5.08	2.28	5.08	.....
		Barre ...	2.00	1.00	0.60	0.45	.....	.....	.....	4	4.05	7.15	2.11	7.10	.....
		Bickram ...	1.25	1.20	3.00	.....	.....	.....	.....	3	6.15	10.10	?	10.10	.....
	Hilsa	Hilsa ...	0.83	1.83	0.20	0.02	.....	.....	.....	4	2.88	4.62	?	4.62	.....
		Begosera ...	0.83	0.70	2.20	1.54	.....	.....	.....	4	5.36	9.12	2.08	7.30	.....
	Monkhyr	Monkhyr ...	0.80	0.51	6.24	0.91	.....	.....	.....	4	8.35	11.28	2.24	9.97	.....
		Jamui ...	0.44	1.34	1.72	0.41	.....	.....	.....	4	3.91	5.83	2.00	4.78	.....
		Gopri ...	0.95	0.65	7.50	2.25	.....	.....	.....	4	11.35	14.10	?	13.35	.....
		Sheikhpura ...	.....	2.90	.....	.....	.....	.....	.....	1	2.90	4.90	?	4.90	.....
	South Bhawalpore.	Bhawalpore ...	0.82	0.16	2.45	1.46	0.04	.....	.....	5	4.93	7.84	2.45	6.74	.....
		Banka ...	1.22	.....	2.25	4.05	.....	.....	.....	3	7.53	9.24	2.60	8.32	.....
	Kolgong	Kolgong ...	1.29	0.10	4.65	1.20	.....	.....	.....	4	7.64	11.72	?	10.29	.....
		Rajmenal ...	1.70	0.32	6.60	4.28	.....	.....	.....	4	12.30	21.18	4.42	23.15	.....
	Sonthal Pergunnahs.	Godda ...	2.85	0.25	2.84	7.95	.....	.....	.....	4	13.89	16.87	2.03	16.86	.....
		Pakour ...	1.61	0.81	0.92	1.09	0.44	.....	.....	5	4.87	13.08	4.51	12.04	.....
		Nya Doonka ...	2.97	0.04	2.79	1.88	.....	.....	.....	5	8.02	13.08	3.21	11.89	.....
		Deognur ...	0.38	.....	1.35	2.11	.....	.....	.....	4	3.89	7.12	3.20	6.14	.....
		Jamtara ...	1.69	.....	1.45	1.70	.....	.....	.....	3	4.84	7.37	3.83	6.12	.....
		Simra ...	2.50	0.50	3.25	6.12	.....	.....	.....	4	12.37	15.05	?	13.75	.....
		Nanhat ...	0.25	.....	2.10	0.45	.....	.....	.....	3	2.80	4.40	?	4.20	.....
CHUTIA NAGPUR.	Hazaribagh	Pachamba ...	0.45	.....	1.30	0.30	.....	0.26	.....	4	2.31	3.84	2.75	3.27	.....
		(Girdi) ...	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	.....
		Hazaribagh ...	0.84	.....	0.05	0.21	.....	0.15	.....	4	1.21	6.09	2.62	5.43	.....
		Semlaguran ...	0.18	.....	0.23	.....	.....	.....	.....	2	0.41	6.11	2.24	5.76	.....
		Manudi Hills ...	1.70	.....	.....	.....	.....	.....	.....	1	1.70	7.60	2.92	7.60	.....
		Barna ...	1.60	.....	0.20	.....	.....	.....	.....	2	1.80	5.27	?	5.27	.....
		Chatra ...	1.57	0.03	0.18	0.09	.....	.....	.....	4	1.97	9.53	?	8.41	.....
		Karagdeha ...	1.09	.....	2.10	0.50	.....	1.60	.....	4	5.50	8.34	?	7.50	.....
		Kamghar ...	.....	.....	0.24	.....	.....	.....	.....	1	0.24	6.00	?	5.54	.....
	Lohardugga	Lohardugga ...	0.11	0.16	.....	.....	.....	.....	.....	2	0.27	0.15	?	0.07	.....
		Kanchi ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	11.54	2.82	11.62	.....
		Panmow ...	1.61	.....	.....	.....	.....	.....	.....	1	1.61	5.52	1.31	5.52	.....
		Silli ...	.....	.....	.....	0.70	.....	.....	.....	1	0.70	4.00	?	3.90	.....
		Baumat ...	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	.....
		Hosseinabad ...	2.38	.....	.....	.....	.....	.....	.....	1	2.38	4.88	?	4.88	.....
		Garwah ...	0.85	0.08	.....	.....	.....	.....	.....	2	0.93	4.11	?	4.11	.....
	Singbhoom	Chyebassa ...	0.30	0.86	.....	0.10	.....	.....	.....	3	1.26	11.46	4.12	9.41	.....
		Chakradhar ...	.....	.....	.....	0.31	.....	.....	.....	1	0.31	5.26	?	4.12	.....
		Ghatsilla ...	0.35	.....	.....	.....	0.27	0.18	0.02	4	6.82	4.65	?	2.77	.....
		Baharagura ...	0.01	.....	.....	.....	.....	.....	.....	1	0.01	4.26	?	2.98	.....
	Manbhoom	Purulia ...	0.58	0.50	.....	2.32	.....	0.05	.....	4	3.51	7.27	3.72	5.70	.....
		Gobindapore ...	0.81	.....	1.04	0.42	.....	0.07	.....	4	2.34	4.61	2.22	3.90	.....
		Kagunath ...	0.10	0.15	.....	0.97	.....	0.61	.....	4	1.83	8.41	?	7.98	.....
		Barrabhoom ...	.....	.....	.....	1.07	.....	.....	.....	1	1.07	3.04	?	2.53	.....
		Jhaida ...	.....	.....	.....	2.34	.....	.....	.....	1	2.34	?	?	?	.....
		Chas ...	.....	.....	.....	1.10	.....	.....	.....	1	1.10	3.78	?	3.60	.....

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 7th June 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE 3RD
OF JUNE 1887.**

It will be remembered that a rather fierce but small cyclone, which had formed in the centre of the Bay of Bengal, had crossed the coast between False Point and Saugor Island on the morning of May 26th. It then continued to travel in a north-north-westerly direction through a part of Orissa and South-West Bengal, then through Chutia Nagpur, and at 10 A.M. of May 27th, the last day of the previous week, the centre of the storm was between Gya and Hazaribagh. At this time the storm had become comparatively feeble, and it was evidently rapidly filling up and disintegrating. A strong burst of south-west monsoon winds followed in the rear of the storm, and these monsoon winds were decidedly more pronounced over the western divisions of the province than elsewhere, and the current flowing over East Bengal was comparatively feeble. The excessively heavy rainfall brought up by the cyclonic storm to the districts through which it passed was also noticed in the previous report.

On Saturday, the 28th, a very rapid increase of pressure took place over the whole province, the rise being most rapid in South Behar and Chutia Nagpur. These changes accompanied the rapid filling up of the cyclonic storm, and on this day the storm had practically ceased to exist as anything more than a pronounced barometric depression. The centre of this depression was to the east of Gya, and therefore the storm, or what remained of it, had remained practically stationary since the 27th, or perhaps had only advanced very slightly in a westerly direction. Winds, however, continued to circulate cyclonically round this centre, and both over the area occupied by the depression, and to the south of it, strong winds were blowing. The storm was thus clearly and rapidly breaking up, and with its disintegration excessively heavy rainfall was reported over Behar and North Bengal. On the 29th pressure again increased, the rise being largest in South Behar, where at some stations the increase exceeded a tenth of an inch, and on this day even the slight barometric depression, which was all that had remained of the previous violent cyclone, practically filled up and disappeared. The life history of this cyclone may therefore be said to have lasted from the 19th or 20th of May up till the 29th, a period of nine or ten days only, of which the first two or three days, up till about the 22nd or 23rd, were occupied in its development and intensification, the next two or three days in its advance over the sea, till on the morning of the 26th the centre of the storm crossed the coast a little to the east of Balasore, while the remaining three days were occupied in its advance over the land and its rapid diminution in intensity, until it finally died away in South Behar on the 28th and 29th. Though generated decidedly rapidly, it was of very much greater fierceness than is usual in storms formed at the commencement of the south-west monsoon, but on the other hand it was comparatively small, and the destructive part of the cyclone, or where the winds were very intense, does not appear to have been more than perhaps 100 to 150 miles across.

Though the cyclonic storm thus ceased to exist on the 29th, or early in the week under review, the rainfall which was brought up by the storm itself, and the rainfall due to the powerful inrush of monsoon winds in the wake of the storm, continued for several days longer, and in some districts rain has practically not ceased throughout the week. The storm may in fact be said to have commenced the rainy season in Bengal, for the southerly monsoon winds having once penetrated over the province, they will probably not again retreat, though of course a diminution in the strength of the current must be expected before a further inrush of monsoon winds accompanied by heavy rainfall will take place. The rainfall which was brought about by the storm in its disappearance, and the rainfall subsequent to it, has been of extraordinary heaviness, and some stations have reported nearly 20 inches of rain within 24 hours. These heavy rainfalls will again be referred to under their appropriate headings.

After the disappearance of the storm, the meteorological conditions over the province gradually became more normal; pressure commenced to oscillate slowly as is usual; winds steadily fell off in force and became more moderate; temperature rose until it became more nearly normal, for with the excessive rainfall temperature had been very low; and finally rainfall diminished, though still the weather remained to a great extent that of the rainy season in Bengal.

Pressure—Has again to a certain extent been dependent on the cyclonic storm above referred to, and at the commencement of the week it was rather largely below the normal, the defect being greatest in the west of the province. With the rather rapid rise of pressure which followed after the disappearance of the storm, and when conditions became more settled, pressure at the close of the week became decidedly above the normal at most stations, and on the 3rd the excess varied from about 0.01" up to 0.05". For the whole week the variations of the mean pressure from the normal have been comparatively small; at a considerable number of stations the pressure has been slightly below the normal, but at the majority of stations the mean pressure has been above the normal. Pressure has been most largely above the normal in East Bengal, where it averages about 0.05", but at most stations the excess is not larger than about 0.02" to 0.03".

Temperature—Has been low in those districts which have received heavy rainfall, and in particular it has been extremely low in Behar. In South Behar the average mean

temperature for the week has been no less than 11.1° below the normal, while in North Behar the defect has been 9° . In Chutia Nagpur the defect in the mean temperature has been 6.2° ; and in South-West Bengal and North Bengal between 3° and 4° . In Assam and Orissa the defect has been between 1° and 2° ; while on the other hand the mean temperature in East Bengal has been slightly (0.3°) above the normal. For the whole of Bengal and Assam the mean temperature for the week has been no less than 4.5° below the normal.

Rainfall.—The rainfall over the province was heaviest during the first four days in the week, and for the last three days it has been decidedly more local and lighter. This has been particularly the case in South-West Bengal and in Behar, but in North Bengal rainfall has continued longer, practically till the close of the week, while in East Bengal the rain only commenced to fall when it was ceasing in other districts. As has been previously stated, some extraordinarily heavy falls were reported during the breaking up of the storm, and according to well known physical principles, the fall has been heaviest in and near the hills to the north and north-east of the province. The heaviness of the rainfall will be shown by the fact that at Dewanganj in the Mymensingh district the excessive fall of 19.67 inches was reported on June 1st. The following stations have also reported amounts in excess of ten inches of rain in a single day during the week:—Serajgunge, Nowkhilla (Bogra district), Durgapur (Mymensingh district); and the following amounts between 5 and 10 inches within 24 hours.—Meherpur (Nuddea district), Atia, Mymensingh, Jamalpur, and Netrokona all in the Mymensingh district, Sherpore (Bogra district), Mohadebpore, Churamon and Dinagepur in the Dinagepur district, Bhowanigunge, Bagdogra, Rungpur, Julpigori, Debigunge, Dinhatta, Siliguri, Kissengunge, Arrareah, Purneah, Muddapur, Monghyr, and Gogri.

The rainfall for the week has consequently in many districts been largely in excess of the normal for the period. North Bengal has received the largest fall, and the average of all the stations for the week shows that 12.10 inches of rain were received, while the normal fall for the week is only 2.09 inches, thus showing an excess fall of more than ten inches, and that the actual fall was about six times the normal. In North Behar the average fall for the week has been 5.77 inches against a normal fall of 0.61 inches, and thus the actual fall is about nine times the normal. In South Behar the average fall was 5.30 inches, the normal amount being 0.50, and thus the actual is more than ten times the normal. These represent the districts in which the falls have been heaviest, and the next largest fall has been received in South-West Bengal, which has averaged 2.55 inches against the normal of 1.48 inches; Chutia Nagpur has also averaged 1.65 inches during the week against a normal of 0.72 inches, so that both these districts have received falls much larger than the normal. East Bengal and Orissa on the other hand have received falls decidedly smaller than the normal. In East Bengal the rainfall for the week has averaged 2.38 inches against the normal 2.72 inches, and the fall has therefore been 87 per cent. of the normal, while in Orissa the fall has been only 0.28 inches against the normal 1.16 inches, and the actual has only been 24 per cent. of the normal.

The rainfall in Assam can only be judged of from the reports received from three stations, but it would appear that the area of heavy rainfall brought up by the storm has extended to this district as well, and particularly in Cachar and in Sylhet the rainfall appears to have been excessively heavy. The actual fall at Silchar during the week has been 11.57 inches, at Dhubri it has been 8.22 inches, and at Sibsagar 5.47 inches, thus showing that a very heavy precipitation has been taking place over this area.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 3rd of June 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of May.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	106.4	72.8	91.6	81.0	86.3	-1.2	0.23	1.16	-0.88	0.3	2.0	+1.7	7.33	4.30	5.80	2.52
South-West Bengal	97.5	69.6	91.0	77.8	84.4	-3.5	2.55	1.48	+1.07	2.6	2.3	+0.3	8.02	6.13	5.35	3.44
East Bengal	95.3	71.8	88.3	77.9	88.1	+0.3	2.38	2.72	-0.34	2.3	3.3	-1.0	9.06	11.16	4.05	6.19
North Bengal	91.8	67.7	85.9	73.8	79.9	-3.1	12.10	2.09	+10.01	5.6	2.6	+3.0	17.45	9.59	15.29	6.27
North Behar	95.5	70.8	82.9	74.1	78.6	-9.0	5.77	0.61	+5.16	4.6	1.0	+3.6	9.12	3.13	8.48	1.72
South Behar	91.4	69.0	84.1	75.6	79.9	-11.1	5.30	0.50	+4.80	3.4	1.0	+2.4	9.07	2.28	8.46	1.45
Chutia Nagpur	98.5*	68.7*	88.0*	74.2*	81.1*	-6.2*	1.65	0.72	+0.93	2.7	1.7	+1.0	6.89	2.81	6.25	1.68
Assam	93.5	71.1	85.3	74.4	79.9	-1.7										

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 7th June 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of May 1887.

	Inches.	Date.	Hour.
The mean pressure of the month	29.625		
The average pressure of May from 24 years' registers ...	29.656		
The highest pressure in the month	29.866	5th	10h.
The lowest pressure in the month	29.411	26th	6h.
The range of pressure	0.455		
The total number of hours of bright sunshine during the month	197.1		
The maximum possible number of hours of sunshine ...	408.3		
⊖			
The mean temperature of the month	85.0		
The average temperature of May from 24 years' registers ...	86.1		
The highest temperature in the month	98.9	18th	
The lowest temperature in the month	65.0	3rd	
The range of temperature during the month	33.9		
The mean daily range of temperature	15.2		
The greatest range of temperature in one day	25.0	3rd	
Per cent.			
The mean humidity of the month	77		
The average humidity of May from 24 years' registers ...	73		
Inches.			
The mean vapour tension of the month	0.921		
The average vapour tension of May from 9 years' registers ...	0.933		
The mean cloud proportion of the month	5.30		
The average cloud proportion of May from 10 years' registers ...	4.61		
Inches.			
The total rainfall of the month	5.17		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	4.83		
The average fall of May from 48 years' registers	5.40		
The greatest fall in 24 hours	1.33	26th	
Days.			
The number of rainy days in the month	11		
The average number of rainy days in May from 24 years' registers	13		
⊖			
The mean maximum equilibrium temperature of solar radiation during the month	151.1		
The mean difference of sun and air temperatures	58.3		
The greatest sun temperature	158.5	24th	
The greatest excess of sun over air temperature	64.8	25th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	73.7		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	3.8		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	9.3	1st	
Miles.			
The mean movement of the wind per day	181.0		
The greatest movement of the wind in one day	473.0	26th	
The greatest movement of the wind in one hour	30.0	26th mid to 1 A.M.	
The number of hours with winds from each of the 8 points—			
N. 13, NE. 46, E. 104, SE. 170, S. 301, SW. 86, W. 10, NW. 12, Calm 2.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.5° higher; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

A. PEDLER,

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 6th June 1887.

For Offg. Meteorological Reporter to the Govt. of India.

**Results of the Meteorological Observations taken at the Alipore Observatory from
29th May to 4th June 1887.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		°		inches.	°	°		°	°	Inches	°	%			Inches.	
May	29th	151.2	5.2	29.678	85.0	90.4	9.8	80.6	80.8	0.993	79.0	82	S and SSE	239	0.02	Chiefly cloudy, o, g, d.
"	30th	149.6	4.7	29.704	85.3	90.9	10.5	80.4	80.3	0.968	78.2	80	S and SSE	228	Nil	Chiefly cloudy, o.
"	31st	151.0	3.3	29.668	83.6	89.5	15.3	74.2	79.4	0.949	77.6	82	S and SSE	298	0.32	Chiefly cloudy, o, g, p.
June	1st	140.5	Nil	29.545	85.4	88.9	7.4	81.5	80.6	0.984	78.7	81	SSW and S	351	Nil	Cloudy, o.
"	2nd	140.8	"	29.529	86.0	89.5	7.3	82.2	81.4	1.012	79.6	81	SSW and S	296	"	Cloudy, o.
"	3rd	140.8	0.4	29.599	85.4	89.5	8.1	81.4	81.0	1.000	79.2	82	S and SSW	228	0.05	Chiefly cloudy, o, g, d, p.
"	4th	153.1	7.9	29.587	86.2	91.0	15.8	75.2	80.7	0.975	78.5	78	S, SSW and variable	215	0.09	Chiefly cloudy, o, p.

The mean pressure of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29.616
The total number of hours of bright sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Hours
The maximum possible number of hours of sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.5
The mean temperature of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	°
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	85.3
The extreme variation of temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.8
The maximum temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91.0
The highest velocity of the wind in one hour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Miles,
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	lbs.
The highest pressure of wind on one square foot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Not measurable.
The mean relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	%
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76
The total fall of rain from 29th May to 4th June 1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.48
The total fall from 1st January to 4th June 1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.53
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10.94
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10.43

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, p passing temporary showers.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 6th June 1887.

Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of May 1887.

The mean temperature during the month	...	...	84.1	Date.
The highest temperature during the month	...	...	101.5	18th
The lowest temperature during the month	...	...	63.9	3rd
The range of temperature during the month	...	...	37.6	
The mean daily range of temperature during the month	...	...	17.4	
The greatest range of temperature in one day during the month	...	...	27.3	3rd
The mean humidity during the month	...	...	86	%
The mean vapour tension during the month	...	...	9.39	Inches.
The total rainfall of the month	...	...	6.17	
The greatest fall in 24 hours	...	...	1.34	13th
The number of rainy days in the month	...	...	14 days	

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 6th June 1887. *

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 29th May to 4th June 1887.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
May	29th	84.7	91.8	10.0	81.8	81.1	1.015	79.7	85	0.02
"	30th	85.1	92.7	11.9	80.8	81.4	1.023	79.9	84	Nil.
"	31st	80.9	91.2	16.9	74.3	78.8	.958	77.9	91	0.43
June	1st	84.6	91.0	9.2	81.8	81.5	1.035	80.3	87	Nil.
"	2nd	85.3	91.4	9.0	82.4	82.1	1.055	80.9	86	"
"	3rd	85.7	91.0	9.1	81.9	81.9	1.039	80.4	84	"
"	4th	84.3	93.5	17.6	75.9	80.8	1.005	79.4	85	0.12

The mean temperature of the seven days	...	...	84.4	°
The extreme variation of temperature	...	...	19.2	
The maximum temperature	...	...	93.5	
The mean relative humidity	...	...	86	%

The total fall of rain from 29th May to 4th June 1887 ... 0.57

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
The 6th June 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

The principal Municipalities in Bengal (excepting Howrah and Bali from which no returns have been received up to date) returned, during the week ending 21st May 1887, the birth and death-rates of 15.9 and 24.0 per 1,000 of population, respectively, as opposed to 15.2 and 25.5 per 1,000, respectively, in the preceding week ending 14th May, indicating a falling off in the registration of deaths.

2. The highest proportions of births and deaths were returned from the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Comillah	...	53.9	Comillah	...	6.6
Durbhanga	...	32.3	Gya	...	58.7
Serampore	...	29.4	Puri	...	39.9
			Suburbs of Calcutta	...	36.8
			Bhagulpore	...	31.7

3. From the subjoined figures taken from the table appended to this memorandum, it appears that during the week under notice the mortality from cholera had on the whole diminished much, but that no noticeable variations in fatal results occurred from the rest of the death-causes:—

				Ratio per mille during the weeks ending—	
				21st May 1887.	14th May 1887.
Cholera	...	...	...	5.5	6.5
Small-pox	...	...	...	4	2
Fever	...	...	...	7.9	8.6
Bowel-complaints	...	...	...	3.2	2.9
Injury	...	...	...	3	2
Other causes	...	...	...	6.7	7.1

4. Of the diseases indicated above, excluding fever and injury, the casualties from which were nowhere large, and small-pox, which proved notably fatal only in the Bhagulpore town, viz., at the rate of 2.7 per 1,000 of population, cholera, bowel-complaints and the maladies grouped under the head of "Other causes," caused the greatest loss of life in the following Municipalities:—

Cholera.			Ratio per mille.	Bowel-complaints.			Ratio per mille.	Other causes.			Ratio per mille.
Comillah	...	...	15.4	Comillah	...	...	19.2	Gya	...	...	22.6
Gya	...	...	13.6	Puri	...	...	14.7	Comillah	...	...	19.2
Suburbs of Calcutta	...	...	13.2					Puri	...	...	16.8
Patna	...	...	8.1					Serampore	...	...	15.7
Burdwan	...	...	6.1								
Durbhanga	...	...	3.1								

5. The death-rates in relation to Sex, Class and Age were returned at the rates noted below:—

According to Sex.			Ratio per mille.	According to Class.			Ratio per mille.	According to Age.			Ratio per mille.
Males	...	...	25.2	Christians	...	...	10.4	Under 1 year	...	...	177.4
Females	...	...	22.7	Hindus	...	...	23.1	1 and under 5 years	...	...	46.9
Ratio of male deaths to every 100 female deaths	...	...	123	Mahomedans	...	...	26.6	5 " " 10 "	...	...	14.7
				Budhists	...	...	24.5	10 " " 15 "	...	...	11.2
								15 " " 20 "	...	...	17.2
								20 " " 30 "	...	...	18.9
								30 " " 40 "	...	...	19.4
								40 " " 50 "	...	...	12.1
								50 " " 60 "	...	...	22.3
								60 years and upwards	...	...	52.0

The 6th June 1887.

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

DISTRICTS.		NAMES OF MUNICIPALITIES.		POPULATION.		BIRTHS.				MORTALITY ACCORDING TO—												Sex.			
						NUMBER OF—		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male births to every 100 female births.		DEATHS FROM—												RATIO PER 1,000 OF POPULATION PER ANNUM.	
												RATIO PER 1,000 OF POPULATION PER ANNUM.													
												DEATHS.													
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.			
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* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community, taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives remains as before, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans above alluded to cannot be employed as a basis of calculation owing to the results of the census under this head not having been recorded under the authorized form of age classification.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

ORISSA COAST CANAL.

LENGTH OF CANAL OPEN, 91 MILES.

Statement showing Quantities of Goods carried during the month of April 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity Tons.		Value.	Rupees.	Quantity.	Value.	
		Up.	Down.			Tons.	Rupees.	
230	1. Grain ...	2,910	25	2,935	74,117	2,935	74,117	
	2. Cotton ...	.....	.....	.....	.....	.....	.....
	3. Oilseeds ...	.....	.....	.....	.....	.....	.....
23	4. Salt ...	2	180	182	10,242	182	10,242	
5	5. Piece-goods ...	.....	14	14	14,200	14	14,200	
5	6. Metal ...	.....	10	10	1,225	7	950	
18	7. Building materials ...	164	4	168	453	6	86	
545	8. Miscellaneous ...	101	262	363	31,853	363	31,853	
26	9. Fuel ...	75	130	205	1,972	169	1,892	
1 raft	10. Timber ...	.....	6 c. ft.	6 c. ft.	25	6 c. ft.	25	
7 rafts	11. Bamboos ...	890 c. ft.	.....	890 "	48	890 "	48	
902 & 8 rafts	12. Total ...	3,252 & 890 c. ft.	625 & 6 c. ft.	3,877 & 896 c. ft.	1,34,135	3,676 & 896 c. ft.	1,33,413	
16 and 22 rafts	13. Total of same month last year ...	.....	.....	57,632 & 7,300 c. ft.	85,031	57,557 & 7,300 c. ft.	84,731	
		Up.	Down.	Total.			Rs. A. P.	
4.	Total number of boats plying cargo ... No.	415	487	902	Total tollage of month— 24+25+26 ...		3,859 0 3	
5.	Total number of boats plying passenger ... No.	16	19	35	Total tollage of same month last year ...		2,355 4 3	
6.	Total registered tonnage, cargo ...	6,008	3,104	9,112	Memorandum of Tollage.			
7.	Total registered tonnage, passenger ...	24	30	54				
8.	Ton-mileage ...	1,51,005	67,955	218,960				
9.	Estimated value of cargo Rs.	72,189	61,873	134,062	1. Balance not recovered on the 1st of the month ...		131 15 0	
10.	Number of passengers ...	49	68	117	2. Tollage per month ...		3,359 0 3	
11.	Rafts, bamboos... c. ft.	890	.....	890	3. Total ...		3,990 15 3	
12.	Do., bullahs ... "	.....	6	6	4. Amount paid into treasury during the month ...		3,326 10 0	
13.	Estimated value of rafts Rs.	48	25	73	5. Balance due at the end of the month ...		664 5 3	
14.	Tollage on boats ...	2,656-7-6	1,191-11-6	3,848-3-0				
15.	Compounded tollage on boats Rs.	1-7-6	6-0-0	7-7-6				
16.	Tollage on rafts ...	3-1-9	0-4-0	3-5-9				
17.	Total tollage on boats per ton-mile ... Rs.	.....	.....	0-0-3				
18.	Total tollage on rafts per 100 cubic feet Rs.	.....	.....	0-6-0				

CALCUTTA,
The 7th June 1887.

C. W. I. HARRISON, Lieut.-Col., R.E.,
Offg. Joint-Secretary to the Government of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

CALCUTTA AND EASTERN CANALS.

Statement showing Quantities of Goods carried during the month of April 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE				PRIVATE.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
784	1. Grain ...	13,206	.....	13,206	8,81,574	13,206	8,81,574
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
49	3. Oilseeds ..	446	32	478	47,850	478	47,850
206	4. Salt ...	414	2,631	3,045	2,55,837	3,045	2,55,837
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
24	6. Metal ...	60	7	67	23,595	67	23,595
92	7. Building materials	4,203	52	4,255	63,669	4,255	63,669
1,116	8. Miscellaneous* ...	13,059	729	13,788	15,55,862	13,788	15,55,862
548	9. Fuel ...	11,262	802	12,064	1,04,501	12,064	1,04,501
.....	10. Timber ...	.....	.....	.....	.....	.....	.....
.....	11. Bamboos ...	.....	.....	.....	.....	.....	.....
2,819	12. Total ...	42,650	4,253	46,903	29,32,888	46,903	29,32,888
2,635 & 2 rafts	13. Total of same month last year ...	.....	.....	38,756	20,73,117	38,756	20,73,117

	Up.	Down.	Total.		Rs. A.
14. Total number of boats plying cargo ... No.	2,536	283	2,819	Total tollage of month— 24 + 25 + 26 ...	24,077 12
14a. Ditto empty ditto ...	.....	.....	2,200	Total tollage of same month last year ...	22,647 14
15. Total number of boats plying passenger ... No.	115	2	117	<i>Memorandum of Tollage.</i>	
16. Total registered tonnage, cargo ...	1,22,996	10,789	1,33,785		
17. Total registered tonnage, passenger ...	7,450	175	7,625		
18. Ton-mileage ...	.....	.....	.....
19. Estimated value of cargo Rs.	26,54,813	2,78,075	29,32,888	1. Balance not recovered on the 1st of the month ...	1,579 11
20. Number of passengers ...	601	5	606	2. Tollage per month ...	24,077 12
21. Rafts, bamboos c. ft.	.....	.....	.....	3. Total ...	25,657 8
22. Do, bullahs „	.....	.....	.....
23. Estimated value of rafts ...	.....	.....	.....	4. Amount paid into trea- sury during the month ...	25,348 15
24. Tollage on boats Rs.	21,434-3-6	2,643-9-0	24,077-12-6		
25. Compounded tollage on boats Rs.	.....	.....	.....	5. Balance due at the end of the month ...	308 9
26. Tollage on rafts „	.....	.....	.....
27. Total tollage on boats per ton-mile ...	.....	.....	.....
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	.....

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

CALCUTTA AND EASTERN CANALS.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
138	(a) Jute ...	3,425	.....	3,425	3,83,624	3,425	3,83,624	
17	(b) Jaggery ...	507	8	515	43,290	515	43,290	
17	(c) Sugar ..	73	.....	73	15,495	73	15,495	
1	(d) Tobacco ...	.....	2	2	375	2	375	
246	(e) Fish ...	121	.....	121	33,817	121	33,817	
5	(f) Hides ...	4	.....	4	1,760	4	1,760	
75	(g) Poultry ...	18	.....	18	20,270	18	20,270	
97	(h) Hay and straw ...	655	.....	655	13,752	655	13,752	
20	(j) Oils ...	.....	198	198	22,200	198	22,200	
40	(k) Earthenware ...	81	7	88	1,230	88	1,230	
450	(m) Other miscellaneous	8,175	514	8,689	10,20,049	8,689	10,20,049	
1,116	Total Miscellaneous...	13,059	729	13,788	15,55,862	13,788	15,55,862	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

SOUTH-WESTERN CIRCLE.

TOLLY'S NULLAH.

Statement showing Quantities of Goods carried during the month of April 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.			PRIVATE.		
		Quantity--Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1,120	1. Grain ...	6,741	2	6,743	3,56,418	6,743	3,56,418
8	2. Cotton ...	50	.....	50	25,200	50	25,200
26	3. Oilseeds ...	258	53	291	30,000	291	30,000
69	4. Salt ...	358	408	766	64,350	766	64,350
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
.....	6. Metal ...	.....	.....	.....	.....	.....	.....
323	7. Building materials	2,484	.....	2,484	10,724	2,484	10,724
818	8. Miscellaneous* ...	2,910	87	2,997	2,58,033	2,997	2,58,033
238	9. Fuel ...	3,189	22	3,211	27,275	3,211	27,275
1 raft	10. Timber ...	2 No.	.....	2 No.	80	2 No.	80
7 rafts	11. Bamboos ...	485 „	.....	485 „	60	485 „	60
2,602 & 8 rafts	12. Total ...	15,970 & 487 No.	572	16,542 & 487 No.	7,72,140	16,542 & 487 No.	7,72,140
2,160 & 13 rafts	13. Total of same month last year			12,398 & 947 c. ft.	5,51,442	12,398 & 947 c. ft.	5,51,442

	Up.	Down.	Total.		Rs. A.
14. Total number of boats plying cargo No.	2,532	70	2,602	Total tollage of month— 24 + 25 + 26 ...	8 503 0
14a. Ditto empty ditto ...	.....	.....	688		
15. Total number of boats plying passenger No.	248	11	259	Total tollage of same month last year ...	6,526 1
16. Total registered tonnage, cargo ...	46,040	4,693	50,733	Memorandum of Tollage.	
17. Total registered tonnage, passenger ...	16,575	825	17,400		
18. Ton-mileage ...	.....	.....	.....		Rs. A.
19. Estimated value of cargo Rs.	7,20,279	51,721	7,72,000	1. Balance not recovered on the 1st of the month ...	382 14
20. Number of passengers ...	1,311	34	1,345	2. Tollage per month ...	8,503 0
21. Rafts, bamboos c. ft.	485	.....	485	3. Total ...	8,885 14
22. Do., bullahs „	.....	„	.....
23. Estimated value of rafts Rs.	140	.....	140	4. Amount paid into treasury during the month ...	8,579 13
24. Tollage on boats „	8,003-15-3	496-15-6	8,500-14-9		
25. Compounded tollage on boats Rs.	.....	.....	.....	5. Balance due at the end of the month ...	306 1
26. Tollage on rafts „	2-2-0	.....	2-2-0		
27. Total tollage on boats per ton-mile ...	.....	.....	.....
28. Total tollage on rafts per 100 cubic feet ...	.....	.....	.....

* For detail see next page.

ARTICLES OF TRAFFIC INCLUDED IN ITEM 8 (MISCELLANEOUS).

TOLLY'S NULLAH.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
3	(a) Jute ...	39	.....	39	4,400	39	4,400	
64	(b) Jaggery ...	402	.....	402	33,750	402	33,750	
3	(c) Sugar ...	12	.....	12	2,625	12	2,625	
18	(d) Tobacco ...	72	10	82	17,250	82	17,250	
73	(e) Fish ...	16	.....	16	4,634	16	4,634	
.....	(f) Hides ...	.....	.....	.....	.....	.....	.....
.....	(g) Poultry ...	.....	.....	.....	.....	.....	.....
206	(h) Hay and straw	582	.....	582	12,216	582	12,216	
36	(i) Oils ...	244	19	263	29,500	263	29,500	
142	(k) Earthenware ..	175	.....	175	2,455	175	2,455	
275	(m) Other miscella- neous.	1,368	58	1,426	1,51,203	1,426	1,51,203	
818	Total Miscellaneous ...	2,910	87	2,997	2,58,033	2,997	2,58,033	

ABSTRACT FOR THE MONTH OF APRIL 1887 AS COMPARED WITH THE
CORRESPONDING MONTH OF THE PREVIOUS YEAR.

	TRAFFIC, 1887-88.		TRAFFIC, 1886-87.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	24,077 12 6	24,077 12 6	22,647 14 0	22,647 14 0
Tolly's Nullah ...	8,503 0 9	8,503 0 9	6,526 1 0	6,526 1 0
Total ...	32,580 13 3	32,580 13 3	29,173 15 0	29,173 15 0

CALCUTTA,
The 7th June 1887. }

C. W. I. HARRISON, *Lieut-Col., R.E.,*
Offg. Joint-Secretary to the Government of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 4th June 1887, compared
with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 4TH JUNE 1887.			WEEK ENDING SATURDAY, THE 5TH JUNE 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	257	45,230	733	263	68,760	1,218
Jute ...	4	6,250	122	16	12,575	213
Firewood ...	37	20,640	3 5	187	86,650	1,257
Other articles ...	560	1 21,400	1,744	754	2,51,910	3,610
Total ...	858	1,93,720	2 914	1,220	4,19,895	6,298

Eastern Bengal State Railway.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month
March 1887 as compared with the same month of the previous year.

STAPLES.	1887.		1886.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1887.	1886.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Betelnuts	22	445	40	104	467	231	233	...
Coal and coke	5,056	2,257	5,902	2,028	7,313	8,030	...	717
Cotton, raw ... ..	...	128	...	241	128	241	...	113
Cotton, manufactured—								
1.—Twist and yarn (European)	1,371	233	1,706	178	1,604	1,884	...	280
2.—Ditto do. (Indian)								
3.—Piece-goods (European)								
4.—Ditto do. (Indian)								
Fibrous Products—								
1.—Jute (screwed) ... ..	...	1,536	...	755	1,536	755	781	...
2.—Jute (unscrewed)	35	7,693	...	5,333	7,728	5,333	2,395	...
3.—Jute manufactured (gunny-bags and cloths)	167	1,235	214	911	1,402	1,125	277	...
Grain and Pulse—								
1.—Grain and pulse	683	5,557	210	5,697	6,240	5,916	324	...
2.—Rice, husked	1,729	2,245	1,182	6,404	3,974	7,586	...	3,612
Hides and Skins—								
1.—Hides of cattle	15	743	16	523	758	609	149	...
2.—Skins of sheep, goats and small animals								
Metals and manufactures of—								
1.—Brass and copper	1,490	126	2,321	162	1,616	2,183	...	867
2.—Iron								
3.—Other metals								
Oils	173	12	209	8	185	507	...	122
Kerosine oil	311	13	...	...	324	...	324	...
Provisions—								
1.—Ghee	504	464	457	265	968	720	248	...
2.—Other kinds								
3.—Butter								
4.—Other oils								
Railway materials	1,463	1,418	1,799	1,583	2,884	3,382	...	498
Salt	3,755	16	3,118	15	3,771	3,133	638	...
Seeds—								
1.—Oilseeds—								
a.—Linseed	576	2,850	443	6,223	5,426	6,606	...	3,240
b.—Mustard and rape								
c.—Til or gingelly								
d.—Other oilseeds								
Sugar—								
1.—Refined	699	1,610	570	2,247	2,309	2,817	...	508
2.—Unrefined								
Tea—								
1.—Indian	1	22	...	14	23	14	9	...
2.—Foreign								
Tobacco	25	748	29	905	773	954	...	161
Wood—								
1.—Timber	453	46	...	...	499	...	499	...
2.—Firewood	1,565	1	2,323	32	1,596	2,355	...	759
All other articles of merchandise—								
1.—Unmanufactured	3,214	1,659	3,666	2,154	4,873	5,809	...	927
2.—Manufactured								
Hay, straw, wooloo (C. & S. E. Section)	696	...	719	...	696	749	...	145
Total	23,956	31,657	25,141	35,902	54,973	61,073	5,877	11,077

INCREASES.

Betelnuts	233 tons.
Exports to British Burmah. ... ..	...
Jute	3,176 tons.
Reduced rates and increased facilities to shippers. ... ..	...
Jute manufacture	277 tons.
Principally from Serajgunge. ... ..	...
Grain and pulse	324 tons.
Ordinary fluctuations. ... ..	...
Kerosine oil	324 tons.
Increasing demand for up country consumption. ... ..	...
Salt	638 tons.
For Upper Bengal. ... ..	...
Timber	499 tons.
Principally for Locomotive Department. ... ..	...

DECREASES.

Coal and coke	717 tons.
Ordinary fluctuation in supply for railway and steamer service. ... ..	...
Cotton	280 tons.
Dulness of market in the early part of the month. ... ..	...
Rice	3,612 tons.
Dulness of market. ... ..	...
Railway materials	498 tons.
Completion of works generally on the Dacca State and Assam-Bihar State Railway. ... ..	...
Seeds	3,240 tons.
Collapse of English market in linseed and generally depression in other seeds. ... ..	...
Sugar	508 tons.
Dulness of market. ... ..	...
Firewood	759 tons.
Sufficiency of stock in the city. ... ..	...

CALCUTTA, the 17th May 1887.

F. P. QUINLAN, Examiner of Accounts.

Bengal Central Railway.

Abstract of principal commodities carried over the Bengal Central Railway during the month of March 1887, as compared with the same month of the previous year.

STAPLES.	1887.		1886.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1887.	1886.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Betelnuts	1	365	1	171	366	172	194	...
Coal and coke	1,425	...	1,493	17	1,425	1,510	...	85
Cotton, raw ... ..	...	...	2	2	...	4	...	4
Cotton, manufactured—								
1.—Twist and yarn (European)	139	2	212	1	141	213	...	72
2.—"do. (Indian)								
3.—Piece-goods (European)								
4.—"do. (Indian)								
Fibrous products								
1.—Jute (screwed) ... ..	...	8	...	...	8	...	8	...
" (unscrewed) ... ..	...	269	...	52	269	52	217	...
2.—Jute manufactured (gunny-bags and cloths)	21	8	28	4	29	32	...	3
Grain and Pulse—								
2.—Grain and pulse	15	1,694	31	875	1,109	904	205	...
4.—Rice, husked	2	257	12	31	259	43	216	...
Hides and Skins—								
1.—Hides of cattle ... ..	...	41	...	38	41	38	3	...
2.—Skins of sheep, goats, and small animals								
Metals and manufactures of—								
1.—Brass and copper	49	23	48	22	72	70	2	...
2.—Iron								
3.—Other metals								
Oils	72	...	63	1	72	64	8	...
Kerosine oil	65	...	...	...	65	...	65	...
Provisions—								
1.—Ghee	185	157	197	27	342	224	118	...
2.—Other kinds								
Railway materials	712	269	1,762	166	921	1,928	...	1,007
Salt	306	...	171	...	306	171	135	...
Seeds—								
1.—Oilseeds—								
a.—Linseed	455	638	364	1,103	1,093	1,459	...	366
b.—Mustard and rape								
c.—Til or gingelly								
d.—Other oilseeds								
Sugar—								
1.—Refined	47	1,055	37	1,548	1,102	1,535	...	433
2.—Unrefined								
Tobacco	22	17	29	1	39	30	9	...
Wood—								
1.—Timber	18	6	38	19	24	67	...	33
2.—Firewood								
All other articles of merchandise—								
1.—Unmanufactured	855	212	379	141	567	520	47	...
2.—Manufactured								
Total	3,889	4,361	4,869	4,217	8,250	9,076	1,227	2,655

INCREASES.

Betelnuts ... ..	...	...	...	...	...	194 tons.
Booked through from B. C. Flotilla for British Burma.	...	...	...	...	...	...
Jute ... ..	...	...	...	...	...	217 tons.
Principally from Khulna.	...	...	...	...	...	...
Grain and Pulse ... ..	...	...	...	...	...	421 tons.
Crops good in these parts.	...	...	...	...	...	...
Salt ... ..	...	...	...	...	...	135 tons.
Absence of demand.	...	...	...	...	...	...

DECREASES.

Railway materials ... ..	...	...	...	...	...	1,007 tons.
Completion of the work of packing bridges on B. C. Railway with stone from Khooshten.	...	...	...	...	...	...
Seeds ... ..	...	...	...	...	...	366 tons.
Depression of home and local trade.	...	...	...	...	...	...
Sugar ... ..	...	...	...	...	...	483 tons.
Dulness of market.	...	...	...	...	...	...

CALCUTTA, the 19th May 1887.

F. P. QUINLAN, Examiner.

Dacca State Railway.

Abstract of principal commodities carried over the Dacca State Railway during the month of March 1887, as compared with the same month of the previous year.

STAPLES.	1886.		1887.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1886.	1887.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Betel-nuts ... ..	.....	1	24	.....	1	24	23	.....
Cotton manufactured—								
(1). Twist and yarn (European)	68	1	63	1	69	64	.....	.....
(2). Ditto (Indian)								
(3). Piece-goods (European)								
(4). Ditto (Indian)								
Fibrous products—								
(1). Jute (unscrewed) ... ..	.....	42	.....	393	42	393	351	.....
(2). " manufactured (gunny-bags and cloths) ... ..	.....	4	.....	.....	4	.....	.....	.....
Grain and pulse—								
(1). Grain and pulse	20	.....	4	10	20	14	.....	6
(2). Rice, husked ... ..	.....	5	3	2	5	5	.....	.....
Hides and skins—								
(1). Hides of cattle ... ..	.....	6	.....	11	6	11	5	.....
(2). Skins of sheep, goats and small animals								
Metals and manufactures of—								
(1). Brass and copper	40	.....	16	1	49	17	.....	32
(2). Iron								
(3). Other metals								
Kerosine oils	1	.....	.....	.....	1	.....	.....	1
Provisions—								
(1). Ghge	7	.....	20	.....	7	20	13	.....
(2). Other kinds ... ..	.....	.....	.....	.....	.....	.....	.....	.....
Railway materials	1,173	980	36	13	2,153	49	.....	2,104
Salt	1	.....	7	.....	1	7	6	.....
Seeds—								
(1). Oilseeds—								
(a). Linseed ... ..	.....	.....	2	18	.....	20	20	.....
(b). Mustard and rape								
(c). Til or gingelly								
(d). Other oilseeds								
(2). Other seeds—								
(a). Indigo seed ... ..	.....	.....	.....	.....	.....	.....	.....	.....
(b). Tea seed								
(c). Other kinds								
Sugar—								
(1). Refined	6	.....	9	.....	6	9	3	.....
(2). Unrefined								
Wood—								
(1). Timber ... ..	.....	.....	6	.....	.....	6	6	.....
(2). Firewood ... ..	.....	.....	66	11	.....	77	77	.....
All other articles of merchandise—								
(1). Unmanufactured	330	38	193	55	368	248	.....	120
Total	1,655	1,077	449	515	2,732	964	504	2,272

INCREASES.

Jute 351 tons.
 Principally from Mymensingh.

DECREASES.

Railway materials 2,104 tons.
 Completion of construction works generally.

F. P. QUINLAN, Examiner.

CALCUTTA, the 17th May 1887.

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of April 1887, as compared with the same month of the previous year.

STAPLES.	1886.		1887.		1886.	1887.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	595	.....	653	.....	595	653	58	.....
Cotton, raw	13	.....	18	1	13	19	6	.....
Cotton piece-goods—								
1.—European	51	.....	79	1	51	80	29	.....
Drugs and chemicals—								
1.—Intoxicating other than opium ... ..	.....	.....	2	.....	.....	2	2	.....
Jute—								
2.—Gunny-bags and cloths ... ..	.....	.....	19	7	.....	26	26	.....
Grains—								
2.—Rice	41	165	50	286	146	316	192	.....
5.—Others			9	13		22		
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ... ..	.....	.....	.....	4	.....	4	4	.....
Leather, manufactured ... ..	.....	.....	3	.....	.....	3	3	.....
Liquors—								
2.—Wines ... ..	.....	.....	2	.....	.....	2	2	.....
Metals—								
2.—Iron	5	1	3	.....	6	3	2	.....
4.—Others			5	.....		5		
Oils—								
1.—Castor ... ..	.....	.....	1	.....	.....	1	1	.....
5.—Others ... ..	.....	.....	2	.....	.....	2	2	.....
Provisions—								
1.—Ghee ... ..	.....	.....	3	.....	.....	3	3	.....
2.—Dried fruits and nuts ... ..	.....	.....	2	.....	.....	2	2	.....
Railway plant and rolling-stock	33	2	62	5	35	67	32	.....
Salt	4	.....	10	.....	4	10	6	.....
Oilseeds—								
1.—Linseed ... ..	.....	.....	12	6	.....	18		
2.—Mustard and rape ... ..	.....	.....	9	2	.....	11		
6.—Others	39	233	16	.....	272	16	.....	227
Silk, raw—								
2.—Indian	1	16	4	15	17	19	2	.....
Silk piece-goods—								
2.—Indian ... ..	.....	.....	.....	4	.....	4	4	.....
Sugar—								
1.—Drained ... ..	.....	9	26	.....	9	26	19	.....
2.—Undrained ... ..	.....	.....	2	.....	.....	2		
Paper and pasteboard ... ..	.....	.....	1	.....	.....	1	1	.....
All other articles of merchandise	125	72	90	25	197	115	.....	182
Total	907	438	1,063	389	1,345	1,432	396	409

INCREASE.

Tons.

Coal	58
This increase is due to excessive brick burning.	
Cotton piece-goods - 1. European	29
This increase is due to river communication being stopped for want of sufficient water.	
Gunny-bags	26
This increase is due to this being included into sundries last year.	
Grains—Rice	192
The increase in this staple is due to plentiful crops and larger export from intermediate stations—	
Noadu and Bokharu.	
Railway plant and rolling-stock	32
This increase is due to more materials carried during the month.	
Sugar	19
This increase is due to favorable rate at Azimganj.	
DECREASE.	
Oilseeds	227
This decrease is due to less demand.	

NALHATI, the 31st May 1887.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	237,104	2,26,563 1 0	29,73,282 10	6,75,918 7 0	21,800 3 0	9,24,351 11 0	64,629	123,030½	187,659½
Or per mile of railway ...	149	149 2 5	.....	444 15 9	14 6 3	608 8 5	.....	.....	.....
For previous 29 weeks of half-year ...	5,178,743	59,29,250 3 0	5,43,32,159 30	1,38,95,636 10 3	3,72,262 3 4	2,01,07,149 0 7	1,379,616	2,288,000½	3,667,712½
Total for 21 weeks ...	5,415,847	61,55,813 4 0	5,73,05,442 0	1,45,71,565 1 3	3,94,122 6 4	2,11,21,500 11 7	1,444,245	2,411,127½	3,855,372½
COMPARISON.									
Total for corresponding week of previous year ...	241,191*	2,56,416 3 4*	29,31,404 20	7,41,027 3 6	22,409 15 6	10,19,923 6 4	66,703	135,813	202,516
Per mile of railway corresponding week of previous year ...	.....	169 4 1	.....	489 2 9	14 12 8	673 3 6	.....	.....	.....
Total to corresponding date of previous year ...	5,151,235½	59,43,054 7 10	5,97,16,858 30	1,46,46,931 13 0	4,62,309 15 0	2,10,51,396 3 10	1,418,976	2,492,840	3,911,816

* The coaching traffic for the corresponding period of 1886 includes traffic on account of running of troop extra and ordinary special trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 29TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 29TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
1,515	10,19,923	673	1,519	9,24,352	609	1,515	86,38,816	5,702	1,519	83,97,178	5,528	.....	2,41,638

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,162	5,263 7 0	48,404 0	3,124 1 0	48 3 0	8,435 11 0	1,454	940	2,394
Or per mile of railway ...	195	92 0 4	846 10	54 9 79	0 13 6	147 7 8	.....	.....	.....
For previous 29 weeks of half-year ...	287,020	1,51,532 6 0	11,82,997 20	70,722 6 9	1,101 7 0	2,23,156 3 9	53,706	18,651	72,357
Total for 21 weeks ...	298,182	1,56,595 13 0	12,31,311 20	73,846 7 9	1,149 10 0	2,31,591 14 9	55,160	19,591	74,751
COMPARISON.									
Total for corresponding week of previous year ...	12,789½	5,678 6 1	53,295 0	671 15 0	24 9 3	6,374 14 4	1,544	955	2,499
Per mile of railway corresponding week of previous year ...	224	99 4 4	931 30	11 11 11	0 6 11	111 7 2	.....	.....	.....
Total to corresponding date of previous year ...	280,374	1,46,254 1½ 1	11,44,232 30	79,280 12 0	1,050 14 3	2,26,586 5 4	55,274	19,465	74,739

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 29TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 29TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57½	6,375	111	57½	8,436	147	57½	93,186	1,629	57½	83,336	1,457	.....	2,851

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,558	583 13 0	15,620 20	597 2 0	9 9 0	1,190 8 0	236½	257	493½
Or per mile of railway ...	.....	48 10 5	.....	49 12 2	0 12 9	99 3 4	.....	.....	.....
For previous 20 weeks of half-year ...	60,922	10,215 1 0	4,05,800 10	11,274 13 0	172 3 9	21,662 1 9	6,676½	3,264	9,940½
Total for 21 weeks ...	64,480	10,798 14 0	4,20,920 30	11,871 15 0	181 12 9	22,852 9 9	6,913	3,521	10,434
COMPARISON.									
Total for corresponding week of previous year ...	3,138½	528 9 11	17,879 20	769 5 0	23 5 0	1,320 10 11	221	272	493
Per mile of railway corresponding week of previous year ...	.....	44 0 1	.....	64 1 9	1 15 1	110 0 11	.....	.....	.....
Total to corresponding date of previous year ...	60,737	10,408 3 2	6,98,071 0	12,886 6 0	998 4 9	24,292 13 11	4,459	6,233	10,691

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
12	1,321	110	12	1,191	99	12	12,056	1,005	12	10,041	837	.....	2,015

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,748	4,645 5 6	1,02,161 0	4,285 3 0	134 6 0	9,064 14 0	766	1,382½	2,968½
Or per mile of railway ...	.....	62 1 8	.....	57 4 7	1 12 9	121 3 0	.....	.....	.....
For previous 20 weeks of half-year ...	118,719	90,921 11 0	20,67,084 10	90,131 14 6	2,205 13 0	1,83,250 6 6	14,971½	24,271½	39,243½
Total or 21 weeks ...	124,467	95,567 0 0	21,70,145 10	94,417 1 6	2,340 3 0	1,92,324 4 6	15,677½	25,654	41,331½
COMPARISON.									
Total for corresponding week of previous year ...	4,944½	3,375 3 9	84,021 30	3,910 4 0	63 8 3	7,340 0 0	645	1,445	2,090
Per mile of railway corresponding week of previous year ...	.....	45 2 0	.....	52 4 7	0 13 7	98 4 0	.....	.....	.....
Total to corresponding date of previous year ...	118,966	93,671 3 2	17,30,461 10	74,423 15 6	2,148 6 0	1,70,246 8 8	23,449	23,424	46,873

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
74½	7,349	98	74½	9,065	121	74½	63,436	848	74½	71,007	949	7,571	.....

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,505	4,230 2 6	8,777 10	316 15 0	7 7 0	4,554 8 0	902	66	968
Or per mile of railway ...	.....	190 1 11	.....	14 3 11	0 5 4	204 11 2	.....	.....	.....
For previous 20 weeks of half-year ...	408,267	1,08,695 9 0	1,08,599 30	5,799 11 0	131 7 9	1,14,626 11 9	18,096	898	19,894
Total for 21 weeks ...	424,772	1,12,925 11 0	1,77,377 0	6,116 10 0	138 14 9	1,15,181 3 9	19,898	964	20,862
COMPARISON.									
Total for corresponding week of previous year ...	18,015	4,952 14 0	7,851 30	298 1 0	10 14 0	5,261 13 0	924	44	968
Per mile of railway corresponding week of previous year ...	.....	222 9 7	.....	13 6 4	0 7 10	236 7 9	.....	.....	.....
Total to corresponding date of previous year ...	437,381½	1,16,353 10 11	2,29,560 20	7,933 12 0	148 1 5	1,24,435 8 4	21,330	2,470	23,800

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	5,202	233	22½	4,555	205	22½	52,137	2,343	22½	48,622	2,185	.....	3,515

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,127	1,405 12 6	38,510 10	2,518 3 0	25 0 0	3,948 15 6	170	450	620
Or per mile of railway ...	.....	33 7 6	.....	59 15 4	0 9 6	94 0 4	.....	.....	.....
For previous 20 weeks of half-year ...	51,333	24,854 2 6	10,05,404 10	63,907 3 0	677 6 9	89,438 12 3	3,825	12,008	15,834
Total for 21 weeks ...	57,460	26,259 15 0	10,43,914 20	66,425 6 0	702 6 9	93,337 11 9	3,996	12,468	16,464
COMPARISON.									
Total for corresponding week of previous year ...	2,785	1,114 9 6	18,988 10	2,227 6 3	21 6 6	3,363 6 3	342	246	588
Per mile of railway corresponding week of previous year ...	.....	26 8 7	.....	53 0 7	0 8 2	80 1 4	.....	.....	.....
Total to corresponding date of previous year ...	19,500½	8,709 14 5	1,37,204 0	10,289 12 3	196 4 3	10,195 14 11	2,661	2,295	4,956

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	3,363	80	42	3,949	94	42	19,195	457	42	36,809	876	17,614	.....

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BEHAR SECTIONS)

Approximate Return of Traffic for week ending 21st May 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	116,445	55,155 0 0	5,46,753 0	68,140 0 0	9,720 0 0	1,33,015 0 0	20,177	16,288	36,465
Or per mile of railway ...	181	85 0 0	848 0	106 0 0	.....	191 0 0	.....	.....	.....
For previous 19 weeks of half-year ...	2,602,817	12,08,999 0 0	1,00,14,561 0	14,66,821 0 0	2,45,556 0 0	29,21,376 0 0*	374,955	369,567	744,541
Total for 20 weeks ...	2,719,262	12,64,154 0 0	1,05,61,314 0	15,34,961 0 0	2,55,276 0 0	30,54,391 0 0	395,132	385,875	781,007
COMPARISON.									
Total for corresponding week of previous year ...	122,033	53,845 0 0	5,11,280 0	75,281 0 0	13,935 0 0	1,43,021 0 0	17,317	26,445	37,760
Per mile of railway corresponding period of previous year ...	201	89 0 0	844 0	124 0 0	.....	213 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,594,390	11,73,321 0 0	1,19,82,929 0	15,60,510 0 0	2,60,485 0 0	29,94,316 0 0	348,153	433,067	781,240

* Audited up to week ending 5th March 1887.

NOTE.—Dacca and Assam-Bihar sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
606	1,43,021	236	645	1,33,015	206	606	10,25,469	242	615	9,87,148	219	.....	38,321

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the Week ...	23,341	8,406 0 0	54,000 0	3,509 0 0	60 0 0	11,964 0 0	5,786	1,424	5,210
Or per mile of railway ...	187	67 0 0	432 0	28 0 0	.....	95 0 0	.....	.....	.....
For previous 20 weeks of half-year ...	503,130	1,70,476 0 0	8,02,434 0	51,782 0 0	941 0 0	*2,23,199 0 0	76,354	28,919	1,05,273
Total for 21 weeks ...	526,471	1,78,882 0 0	8,56,434 0	55,282 0 0	1,001 0 0	2,35,165 0 0	82,140	30,543	1,12,683
COMPARISON.									
Total for corresponding week of previous year ...	23,780	8,380 0 0	25,367 0	1,955 0 0	28 0 0	10,373 0 0	3,244	1,266	5,210
Per mile of railway, corresponding period of previous year ...	190	67 0 0	203 0	16 0 0	.....	83 0 0	.....	.....	.....
Total to corresponding date of previous year ...	524,781	1,81,250 0 0	8,01,386 0	46,937 0 0	626 0 0	2,23,513 0 0	82,121	28,907	1,11,028

* Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
125	10,373	83	125	11,960	96	125	90,460	90	125	93,254	92	1,794	.....

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,868	3,950 0 0	5,000 0	450 0 0	40 0 0	4,440 0 0	2,161	803	2,964
Or per mile of railway ...	138	46 0 0	58 0	5 0 0	.....	51 0 0	.....	.....	.....
For previous 19 weeks of half-year ...	247,602	83,515 0 0	3,24,251 0	27,588 0 0	2,529 0 0	1,13,632 0 0*	42,181	21,877	64,058
Total for 20 weeks ...	259,470	87,465 0 0	3,29,251 0	28,038 0 0	2,569 0 0	1,18,072 0 0	44,342	22,680	67,022
COMPARISON.									
Total for corresponding week of previous year ...	9,014	2,792 0 0	2,230 0	378 0 0	78 0 0	3,248 0 0	933	397	1,330
Per mile of railway, corresponding period of previous year ...	105	33 0 0	26 0	4 0 0	.....	37 0 0	.....	.....	.....
Total to corresponding date of previous year ...	192,754	55,235 0 0	3,18,022 0	27,889 0 0	4,876 0 0	88,000 0 0	16,771	33,042	49,813

* Audited up to week ending 5th March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
86	3,248	38	86	4,440	52	86	32,608	54	86	33,705	50	1,607	.....

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 28th May 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,335½	923 14 1	6,297 10	503 0 0	10 4 0	1,437 8 1	509	254	763
Or per mile of railway ...	86	33 14 0	231 0	18 8 0	0 0 0	52 12 0	.....	.....	.....
For previous 20 weeks of half-year ...	60,029½	22,597 1 11	2,59,098 30	14,940 10 0	509 12 0	38,052 7 11	10,253	6,749	17,001
Total for 21 weeks ...	62,365	23,521 0 0	2,65,396 0	15,449 0 0	520 0 0	39,490 6 0	10,761	7,003	17,764
COMPARISON.									
Total for corresponding week of previous year ...	2,666	1,111 1 3	6,071 20	524 9 0	8 2 0	1,643 12 3	509	254	763
Per mile of railway corresponding week of previous year ...	98	40 12 0	223 0	19 4 0	0 5 0	60 5 0	.....	.....	.....
Total to corresponding date of previous year ...	54,720	21,791 15 0	1,73,533 10	13,088 13 6	560 6 5	35,441 2 11	10,834	5,025	16,459

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 20TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 20TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
27½	1,044	60	27½	1,468	53	27½	14,885	546	27½	15,629	574	744	.....

ASSAM-BEHAR STATE RAILWAY.

PURNEAH SECTION.

Approximate Return of Traffic for week ended 21st May 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,540	795 0 0	29,658 0	2,940 0 0	20 0 0	3,755 0 0	470	608	1,078
Or per mile of railway ...	65	20 0 0	760 0	76 0 0	.....	96 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	16,212	5,556 0 0	1,45,574 0	14,455 0 0	80 0 0	20,091 0 0	2,954	3,822	6,776
Total for 7 weeks ...	18,752	6,351 0 0	1,75,232 0	17,395 0 0	100 0 0	23,846 0 0	3,424	4,430	7,854
COMPARISON.									
Total for corresponding week of previous year...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 1887.			RECEIPTS FOR WEEK ENDING 21ST MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 21ST MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
.....	.....	.....	39	3,755	96	.....	.....	.....	39	23,846	67	23,846	.....

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 28th May 1887, on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	38,453	13,459 0 0	2,01,798 0	19,755 0 0	3,800 0 0	37,074 0 0	6,340	6,270	12,610
Or per mile of railway ...	154	54 1 0	810 0	79 5 0	3 1 0	136 7 0*	.....	.....	.....
For previous 20 weeks of half-year ...	771,613	2,96,463 0 0	33,23,974 0	3,30,938 0 0	62,844 0 0	6,90,245 0 0	112,718	117,962	230,680
Total for 21 weeks ...	810,066	3,00,922 0 0	35,25,772 0	3,30,933 0 0	66,704 0 0	7,27,319 0 0	119,058	124,232	243,290
COMPARISON.									
Total for corresponding week of previous year on 246 miles open	36,626	14,216 6 8	1,70,656 0	15,676 10 0	3,776 0 0	33,639 0 8	5,627	6,196	11,823
Per mile of railway corresponding week of previous year ...	146	57 13 0	694 0	63 11 0	2 0 0	123 8 0*	.....	.....	.....
Total to corresponding date of previous year ...	747,163	2,64,508 10 4	27,69,515 10	2,77,726 13 5	63,449 12 8	6,05,685 4 5	100,817	107,491	208,308

* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	33,609	137	249	37,074	149	246	2,75,786	1,121	249	3,14,286	1,262	38,600	.....

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 28th May 1887	...	...	...	...	...	Rs.
Corresponding week last year	...	...	...	...	...	8,343
Decrease	...	...	...	...	...	12,488
						4,145
Receipts from 1st January to 28th May 1887	...	...	...	...	...	1,60,879
From 1st January to 29th May 1886	...	...	...	...	...	1,88,800
Decrease	...	...	...	...	...	27,921
						Miles.
Miles open, week ending 28th May 1887	...	...	...	...	...	51
Corresponding week last year	...	...	...	...	...	50½
Increase	...	...	...	...	...	4
						Rs. A. P.
Receipts per mile open, week ending 28th May 1887	...	...	...	...	...	163 3 6
Corresponding week last year	...	...	...	...	...	246 1 3
Decrease	...	...	...	...	...	82 13 9

CHIEF OFFICE, DARJEELING, the 4th June 1887.

D. L. PRESTAGE, for Secretary, D. H. Ry.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 15, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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EXTENSION OF THE LOWER CIRCULAR ROAD CEMETERY.

The subjoined Resolution is published for general information.

By order of the Lieutenant-Governor of Bengal,

W. B. BESTIC,

Under-Secretary to the Govt. of Bengal,

P. W. Dept.

Darjeeling, the 7th June 1887.

READ—

The following papers relative to the extension of the Lower Circular Road Cemetery in Calcutta:—

Extract [paragraphs 9 and 10] from a letter from the Chairman of the Burial Board, dated the 13th February 1886.

Extract [paragraphs 7 and 8] from a letter from the Chairman of the Burial Board, dated the 25th June 1886.

Extract [paragraph 12] from the proceedings of the Burial Board at a meeting held on the 14th June 1886.

Memorandum No. 121MM, dated the 22nd October 1886, with enclosures, from the Commissioner of the Presidency Division.

A memorial, dated the 3rd November 1886, from the residents of Baniapooker.

Letters No. 1811B, dated the 16th December 1886, to the residents of Baniapooker, and No. 1812B, of the same date, to the Commissioner of the Presidency Division.

Letter dated the 18th January 1887, with enclosures, from the Chairman of the Burial Board.

Last year the Burial Board brought to the notice of the Government that the available ground in the Circular Road Cemetery would be filled in less

than two years, and urged that early steps should be taken to acquire more land in order that it might be drained and laid out ready for use before the expiry of that period. Enquiries were thereupon instituted regarding the cost of acquiring a sufficient area of land for the extension of the Cemetery, and in January 1887 a report on the subject was received from the Burial Board. After considering various alternatives, the Board arrived at the conclusion that, notwithstanding the large expenditure that such a course would involve, the best solution of the question would be to expropriate sufficient ground for an extension of the Cemetery, calculated to last for more than 20 years to come, and recommended that measures should be taken to this end.

In the meantime, memorials were submitted by the residents of Baniapooker and its vicinity protesting against the proposed extension on sanitary and other grounds. The memorialists were informed that enquiries were being made with respect to the value of the land that would be required for the extension, and that, when information was received on that point, their representations would receive due attention.

The whole subject has now had the careful consideration of the Government. The Circular Road Cemetery was opened in 1838, and on the recommendation of a Committee which sat in 1866, it was extended some years later (in 1875-76) to its present size. Since that time, the land in the neighbourhood has risen in value, while the means of communication with the outskirts of the town have been improved, and a higher degree of sanitation is aimed at. It has therefore become a question for consideration whether it would not be better, instead of extending the present Cemetery, to establish a new one further removed from the heart of the town. In considering this alternative, it has to be borne in mind that, with such a climate as prevails in Calcutta for several months of the year, any increase in the distance of the Cemetery from the town would entail grave inconvenience and additional expense, the burden of which would fall heavily on the poorer classes. It would only be by selecting ground in the direction of the Armenian Cemetery, which is to the north-east of the Circular Road Cemetery, that these disadvantages could be minimized, and it is open to doubt whether the saving that could be effected in first cost by taking up land in that locality would not be counterbalanced by the cost of keeping up for some years to come a dual establishment. On sanitary grounds there is much to be said in favour of increasing the distance of burial places from the more thickly populated parts of the town; but it has not been established that the existing Cemeteries have had a prejudicial effect on the sanitary condition of the neighbourhood, and until the suburban area is greatly improved in other respects, the presence of a well-kept Cemetery within its limits will rank as a minor evil.

On the above grounds the Lieutenant-Governor would have been inclined to accept, without further question, the recommendation of the Burial Board to extend the existing Cemetery, but the financial exigencies of the present time make the question of first cost of primary importance, and on this account it may be necessary to adopt a different course. Hitherto the cost of acquiring and preparing land for Cemeteries in Calcutta has been provided by the Government, this outlay being partially repaid under a system that has been in force for half a century of charging fees for monuments and graves. Latterly, however, the fees received on this account have not been sufficient to cover the expenditure incurred by the Burial Board on establishments and the maintenance of the Cemeteries, and it has been necessary for the Government to supplement the funds of the Board by an annual grant-in-aid. So far back, however, as 1868 it was laid down that the Government would on no account bear the whole cost of providing burial grounds for the community of Calcutta, and Sir Stuart Bayley is decidedly of opinion that it would not be right, even if the Provincial Government could afford it, to provide such a large sum as that now required at the cost of the general tax-payer. Whatever form may be decided on for the extension, it will be necessary to bear this consideration in mind, and to make provision for increasing the income of the Burial Board at the cost of the community for which the Cemeteries are maintained.

These being the conditions, it needs but little consideration to show that the financial difficulties in the way of making an extension on a large scale

would be very great, and the question arises whether it would not be possible to economise space by a different disposition of the graves. With this object in view, the Committee which sat in 1866 recommended that masonry graves should be built in the form of cells in one large vault which, when filled up and closed in, would form a sort of continuous terrace on which monuments might be erected. Such a plan, the Committee considered, while economizing space by its uniformity and compactness, would have the further advantage of making the graves secure and lasting, and preventing the unsightly appearance caused in Cemeteries by graves falling into ruins. At the present time, economy of space is all-important, and though the Committee's plan was neglected 20 years ago, when the difficulty of providing ground was not so much felt, it may now, subject to any further modifications, be deemed worthy of more careful consideration. A visit to the old Cemeteries will convince anyone that the system hitherto in vogue has many defects, and to such a large migratory population as that of Calcutta, a well-designed arrangement, which would ensure the permanency of the graves and monuments without requiring constant attention from the friends of the deceased, would be a welcome boon. Such an arrangement would not necessarily put a stop to the use of entirely separate graves, but for these a proportionately higher ground fee would have to be paid.

The main considerations governing the problem have now been stated, and the Lieutenant-Governor is of opinion that, before moving further in the matter, a representative Committee should be appointed to consider and report on the following points:—

- I.—By what means the additional ground required for Christian Cemeteries can be most suitably and economically provided; whether by extending the Lower Circular Road Cemetery or establishing a new one elsewhere.
- II.—The possibility of economy in the use of space by adopting an arrangement of graves different to that which has hitherto been in use.
- III.—The period for which provision should now be made, and whether the land required for the full period should be acquired at once or taken up by degrees as the necessity arises.
- IV.—The cost of carrying out the scheme recommended by the Committee, inclusive of the value of the land and the expenditure to be incurred in enclosing it and making it fit for use, and the cost of mortuary chapels, lych gates, approaches, &c.
- V.—The means by which the project can best be carried out financially; whether by making a loan to the Burial Board, leaving it to that body to propose such an increased scale of fees for masonry graves as would enable it to pay the interest and sinking fund charges, or whether by any other plan.

The following gentlemen are accordingly appointed to form a Committee for this purpose:—

The Chairman of the Burial Board	President.
The Senior Chaplain of St. John's Church	Members.
The Rev. N. Hengesch	...	...
The Rev. G. G. Gillan	...	...
Mr. W. C. Madge	...	...
Mr. W. Rigordy	...	...
The Health Officer of the Corporation	Secretary.
The Chairman of the Suburban Municipality	...	...
The Superintendent of Works, Calcutta	...	...
Mr. W. B. Gwyther, Assistant Engineer	

Copies of the report of the Committee which sat in 1866, and of the recent correspondence cited, will be forwarded to the Secretary, and the Lieutenant-Governor trusts that, after considering the subject in all its bearings, the Committee will be able to recommend a solution of this important question, which will be satisfactory to all the interests concerned.

C. M. BROWNE, Colonel, R.E.,

Offg. Secretary to the Government of Bengal,

P. W. Dept.

CYCLONE IN THE BAY OF BENGAL.

The 14th June 1887.—The following papers on the late cyclone in the Bay of Bengal are published for general information.

COLMAN MACAULAY

Secretary to the Government of Bengal.

No. 2092, dated Calcutta, the 2nd June 1887.

From—CAPTAIN A. W. STIFFE, I.M., Port Officer of Calcutta,

To—The Secretary to the Government of Bengal, Financial Department.

I HAVE the honour to submit the following report of a severe cyclone, of which the centre passed over the Sandheads and pilot station.

2. From the 20th May a storm* was reported by the Meteorological Department as forming in the bay. Owing to the regrettable absence of any station at the Andamans it was not possible to speak positively as to its location or extent.

3. Further, on the 24th, 25th, 26th and 27th May no reports were received from the very important station of Diamond Island. I would respectfully point out that this failure of signals took place also in the cyclone of the 16th and 17th June 1886, when no reports were received from the 15th to 19th inclusive; also from the 17th to 20th November inclusive, before the cyclone on the 23rd idem. It is of the utmost importance that this important station should be in the highest degree of efficiency.

4. On the 24th May, probably owing to the absence of the Diamond Island report, it was thought that the storm was crossing the bay to a point near Vizagapatam, but on the 25th it was found to be advancing to the east of False Point, towards the Sandheads, and at 8.50 A.M. the signals were hoisted in the river indicating the passage of a storm of moderate intensity to southward of Saugor. No ships arrived in the river on the 25th or 26th; and on the 24th, 25th and 26th no vessels left the river, excepting the ship *Godiva*, which left early on the 25th, in tow of the steam-tug *Retriever*, and the S. S. *Sir John Lawrence* (Chandbally boat) with upwards of 730 native passengers, which left on the afternoon of the 25th. All other ships waited either at Diamond Harbour or Saugor; and the other two Chandbally boats, the steamers *Tyrone* and *Curlew*, waited at Kedgerree, and no damage was sustained by any of them, except loss of anchors, &c., by some.

5. The storm blew with great fury, and the sea is described as being beyond the experience of those who went through the storm. Its centre passed the pilot station about 8 P.M., and thence travelled to westward of Saugor about 3 in the morning, and passed inland near the Subarnrekha river to eastward of Balasore about 5 in the morning of the 26th. The cyclone at Calcutta amounted to a moderate gale only. The storm-wave passed up the river fortunately on the ebb, and although the low water level was quite 8 feet above the normal, yet before high water the effect had passed, and the high water level was only 4 feet above the tabulated height for the day. It appears that much land between Hidgellee and Subarnrekha has been overflowed.

6. On the 26th nothing was learnt in town (beyond the actual strength of the wind at Saugor and False Point) of the results of the cyclone, but the *Resolute* was despatched by the Port Commissioners at day-light on the 27th to visit the lightships and Sandheads and give any assistance required. The *Undaunted*, being still in the hands of the Dockyard, was not able to proceed, her boilers being under repair. The repairs were commenced on the 12th March, and it was hoped would be easily completed before the stormy season, but the patching of boilers is slow work, and has occupied a much longer time than was anticipated.

7. On the 27th matters appearing to be more serious, the *Retriever* not having returned, the Chandbally steamer not having arrived there, and no vessel having come into Saugor, I considered some further action urgent,

and resolved to take up a vessel to proceed to the Sandheads to get news of the brigs and to search for missing vessels. Owing to the loss of the *Retriever*, Messrs. Gladstone, Wyllie and Company have now a monopoly of tugs, and they refused to allow a tug to proceed for less than Rs. 1,000 a day, the ordinary charge for towing being only Rs. 600. I learn that they have since charged the *Godiva* Rs. 5,000 for towing her from the Gasper to Calcutta, the ordinary price being about Rs. 1,600 from the Sandheads. I therefore decided on chartering the *Madras*, a steamer offered by the British India Steam Navigation Company for Rs. 850 a day, including coal, and beg to enclose copy of the agreement marked A, and to solicit sanction to the arrangement. The *Madras* was coaled and despatched early on the 28th. Commander Jackson of the *Undaunted* was sent in charge of the expedition, and I engaged an officer of the Chandbally service to act as pilot in the Western and Sola Channels not usually visited by other ships. I beg to attach copy of the orders issued to Captain Jackson, marked B. The steamer *Madras* has not yet returned to port. I may mention that on the 27th the steamer *Resolute* experienced a very heavy sea in the Gasper Channel, and did not proceed to sea that evening.

8. On the 28th, the *Cuckoo* was also despatched by the Port Commissioners to visit the refuge houses: she is expected back to-morrow or next day.

9. The P. and O. steamer *Nepaul*, the first vessel in from sea (having a special pilot she was able to get in), anchored at Saugor at noon on the 27th, and in the evening a telegram was received, marked C, which told a tale of great disaster, and confirmed me in my view as to the necessity of sending a second vessel. Owing to its being received by flag-signals, there was a mistake which led to the inference that the *Retriever*, and her ship, the *Godiva*, had foundered. Several light-ships were also reported as out of position.

10. Several vessels arrived on the 28th, one of which reported the brigs to be safe and on the station. I will here mention that the brigs put to sea, and passed through the centre of the storm, returning to the station at its close, and sustaining only petty damage. They each lost an anchor and chain, one boat and several sails, besides some hencoops and other deck furniture. One brig immediately took up the duty of Eastern Channel light-ship, burning blue lights at short intervals, the other attending to the pilotage work.

11. On the 29th, the other Chandbally steamers, which left after the storm, returned to Calcutta, having seen nothing of the *Sir John Lawrence*, which vessel they had been directed to search for *en route*. As we have received, yesterday, information that the *Resolute* passed through a large number of floating dead bodies, some of women, and as others have been washed ashore at Saugor, there can be little doubt that she foundered, and that every soul on board has perished. Her Commander, Captain Irvine, was a very experienced man, and had commanded vessels in the Chandbally trade for a number of years. He was, however, in my opinion, too ready to incur risk. In the cyclone in last June, he left a day before any other vessel had left the river, except the French Mail steamer, and on the present occasion the storm-signals had been up for hours and seen by the *Tyrone* and *Curlew*, which vessels anchored at Kedgerree in consequence; they were passed, lying at anchor, two hours later by the ill-fated ship. The wind and sea at that time must have been tremendous. She had, I believe, 732 passengers, a large proportion being women of this place proceeding on pilgrimage.

12. *Light-ships*.—The Long Sand light-ship, the nearest to Saugor, was missing, and it was feared must have foundered, surrounded as she was by shoals, but she floated over all the shoals on the storm-wave and grounded below Hidgelee, where she is now nearly high and dry, but reported as not injured. She was first reported by the *Curlew*, which vessel sighted her on return from Chandbally on the 29th. The Deputy Conservator has gone to see what should be done to get her off.

13. The next light-vessel in order, the Upper Gasper, rode out the storm; the Lower Gasper also rode safely, after parting one chain. The Intermediate lost an anchor and chain and drifted about half a mile. The Mutlah Light rode out the gale safely, being out of its direct course. The Eastern Channel and Ridge Lights both parted and were reported missing: the Ridge drifted 40 miles, and afterwards made sail and returned to the vicinity of her station,

when she was picked up and put in position by the *Resolute*. Of the Eastern Channel, it is known that she returned to the station yesterday, in tow of the *Madras* from off Pippely.

14. There remains the case of the *Godiva* and steamer *Retriever*, which vessels put to sea on the morning of the 25th about two or three hours before the storm-signals were hoisted. I propose to hold a departmental enquiry on the pilot in charge of the *Godiva* as to the propriety of his proceeding to sea under such circumstances. It appears that at that time the wind was light, and the glass had not fallen much, and the master agreed with the pilot it would be better to get out. The captain of the tug, it is said, did not make any objection, and the ship was towed out, and between 12 and 1 was cast off outside the Eastern Channel Light in the usual way. For the last two hours the wind and sea had increased rapidly, but it was not then possible to turn the ship back. After casting off, the ship sailed to the southward, got into the most violent part of the storm, blew nearly all her sails away, had her decks swept and cabins gutted, and her cargo shifted, so that she heeled over to port very much,—she returned or drifted back to the river, and has been towed up to town, where she will discharge cargo.

15. The *Retriever* tried to return to Saugor, but found the sea too heavy, and adopted the only course open of going out to sea—head to the sea. She has not been since seen. Marvellously the P. and O. steamer *Nepaul* picked up a native fireman belonging to this vessel, who had been 17 hours in the water, and reports that she foundered soon after midnight of the 25th, and it can hardly be hoped that any other survivors of the unfortunate vessel will be found. She was a fine new tug, and the most powerful on the river.

16. I attach copy of a report by the senior officer at the cruising station, marked D.

No. 73T—M, dated Darjeeling, the 8th June 1887.

From—COLMAN MACAULAY, Esq., C.I.E., Secy. to the Govt. of Bengal, Municipal Department,
To—The Port Officer, Calcutta.

I AM directed by the Lieutenant-Governor to acknowledge the receipt of your letter No. 2092, dated 2nd instant, in which you submit a report upon the cyclone of 25th and 26th ultimo.

2. You first advert to the interruption of telegraphic communication with the station of Diamond Island between the dates of 24th and 27th ultimo inclusive. It appears that communication with Diamond Island was similarly interrupted for four days at the time of the cyclone of last June. You rightly observe that it is of the utmost importance that this station should be maintained in the highest degree of efficiency. Enquiries will be made in the matter from the Meteorological Reporter through the General Department of this Government. You have been separately asked in my letter No. 71T—M, dated the 7th instant, to report your opinion, with reference to the experience derived from the late storm, on the advisability of laying a telegraph cable from Saugor to the Eastern Channel light-ship, and the practicability of maintaining it during a cyclone.

3. As regards the storm itself, you report that signals were hoisted in the river at 8-50 A.M. on the 25th, indicating the passage of a storm of moderate intensity to the southward of Saugor. You do not state what reports were received by you on 25th, but it appears that the centre of a violent cyclone passed to the westward of Saugor at 3 A.M. on 26th, and it is presumed that you were apprized of this circumstance early on the morning of that day. It also appears that a storm-wave advanced up the river on the ebb tide, giving at Calcutta a rise of eight feet above the normal, and affording unmistakeable evidence of exceptional disturbance of the weather at the mouth of the river. At daylight, on the 27th, the Port Commissioners' steamer *Resolute* was despatched to visit the light-ships and to render any assistance required by vessels in distress. On the 27th your apprehensions were increased, and you chartered on behalf of Government the British India Steam Navigation Company's steamer *Madras*, at a cost of Rs. 850 a day, and on the 28th despatched her to sea. The Government steamer *Undaunted*, which had been placed in the Dockyard for repairs on the 12th March, was still under repairs at this time.

4. With reference to these points, I am desired to say that the Lieutenant-Governor, while confirming your action in regard to the *Madras*, and acknowledging the care and forethought with which your instructions were issued in regard to her voyage, is of opinion that in cases in which the approach of such a storm to the neighbourhood of the Sandheads is reported, it would be desirable to take earlier measures of precaution. When it is known that a serious cyclone is advancing towards the Orissa or the Bengal Coast, a Government steamer should at once be despatched as far down the river as possible, to be ready to go to sea at the earliest moment to search for disabled or wrecked vessels, and to render assistance generally to seafarers in distress. The fact that in this instance the *Besolute* was prevented by stress of weather from at once putting to sea is not overlooked. This circumstance, however, in no way detracts from the need for provident action in such cases. Moreover, two steamers are shown to have remained in safety during the storm in the Kedgerie anchorage, and to have afterwards proceeded to Chandbally. Sir Steuart Bayley is strongly convinced of the necessity of promptly taking in such cases the utmost precautionary measures, without waiting for tidings of the actual arrival of the storm at any particular point.

5. The attention of the Dockyard authorities will be drawn to the delay in completing the repairs of the *Undaunted*.

6. The actual loss to the shipping was confined to the tug *Retriever* and the steamer *Sir John Lawrence*. The first proceeded to sea early on the 25th, apparently before the hoisting of the storm signals was known. The *Retriever* was lost, but the ship *Godiva*, which it had taken down the river, went ashore and was ultimately saved. You state your intention to hold a departmental enquiry into the conduct of the Pilot in charge of the *Godiva* in proceeding to sea in the face of such weather as prevailed at the time, and your report will be awaited. The *Sir John Lawrence*, with 732 passengers on board, has in all probability perished at sea, and no witness remains to tell the story of the disaster. This appalling calamity, which has carried misery and desolation into many homes, appears from your letter to have been the result of over-confidence on the part of Captain Irvine, an experienced, but too daring, commander. It can scarcely be doubted that, had he followed the example of the commanders of the *Tyrone* and the *Curlew*, who had brought their vessels to anchor at Kedgerie two hours before the *Sir John Lawrence* passed down, this pitiable disaster would have been avoided. His Excellency the Viceroy has desired that the deep sympathy of himself and of the other members of the Government of India may be conveyed to the members of the bereaved families, and you have already been asked to add to this message an expression of Sir Steuart Bayley's sorrow at the affliction which has befallen them. Meanwhile Sir Steuart Bayley is of opinion that a full enquiry should be held in order to ascertain whether this vessel was really safe and seaworthy when she left the port. A statement which has been submitted to the Lieutenant-Governor by an ex-officer of the ship has been separately forwarded to you for report. You are requested to hold a careful investigation of the allegations contained in it, and to submit without delay the conclusions at which you may arrive. The circumstances in which this catastrophe occurred also render it desirable for Government to consider whether measures should not be taken to give the authorities power to detain vessels on account of threatening weather, and to render it penal for commanders to leave the river when certain signals have been exposed. The Meteorological Reporter to Government will be asked to advise upon this proposal, and your opinion upon it is also invited.

7. The Lieutenant-Governor learns with satisfaction that the pilot brigs and the light-vessels have been saved, and he desires that his thanks may be communicated to the many officers of the Marine Department who displayed courage and resource in circumstances of much distress and difficulty, and who largely contributed by their efforts to mitigate the effects of the disaster.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 11th June 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, June 11, '87	0.51	Weather—bright and dry. State and prospects of crops good. All agricultural operations in progress. Rice still cheap. Fever again reported.
	Culna	0.46	
	Cutwa	0.27	
	Raneegunge	1.27	
	2 Bankura „ 11, '87	0.74	Weather—seasonable. Sowing of <i>aus</i> nearly over. Indigo and sugarcane growing well. Rain wanted. No change in prices. Public health good.
	Bishenpur	0.44	
	3 Beerbhoom „ 11, '87	0.50	Weather—extremely sultry during the daytime, with cool mornings and evenings. Heavy rain has damaged the rice-seedlings and sesamum to some extent. The present dry weather will, however, admit of the sowings being completed, and is very favourable to young sugarcane. Prices have risen slightly. Public health good.
	Rampore Haut	0.46	
	4 Midnapore „ 11, '87	0.14	Weather—warm generally; rain and storm at intervals. Early sowings commenced. Some lands in the Tumlook sub-division reported to be damaged by the overflow of salt-water. Public health good.
	5 Hooghly „ 11, '87	1.13	Weather—seasonable. Agricultural operations going on vigorously. Public health good.
PRESIDENCY DIVN.	Serampur	0.27	
	Jehanabad	1.26	
	Howrah „ 11, '87	0.77	Weather—cloudy. Prospects of jute fair; some was injured by salt water at the time of the cyclone, and the rainfall was somewhat deficient at the time of sowing. All other crops promise well. Rains seem to have set in.
	Oolooberia	1.19	
	<i>Central Districts.</i>		
	6 24-Perghs., June 11, '87	0.76	Weather—hot with occasional showers. <i>Aus</i> sowing still continues. Prospects promising. Public health generally good.
	7 Nuddea „ 11, '87	0.95	Weather—sultry with cloudy sky for the most part of the week. Rice and indigo doing well. Jute was sown late, and so far is doing fairly.
	Kushtea	0.83	
	Meherpore	0.10	
	Chudanga	0.42	
	Ranaghat	0.68	
RAJSHAHY DIVN.	8 Khoolna „ 11, '87	4.01	Weather—hot with occasional storms. Ploughing and sowing continue. <i>Aus</i> rice above the ground. Prospects favourable. Public health good.
	9 Jessore „ 11, '87	1.25	Weather—very hot. Paddy plants doing well. More rain wanted. Public health good.
	Jhenidah	0.57	
	Magurah	0.84	
	Narail	0.28	
	Bongong	1.87	
	10 Moorsheadabad „ 11, '87	0.38	Weather—very hot; cloudy at intervals. <i>Amun</i> being sown. Jute and sugarcane promising. Public health good.
	Lalbagh	0.50	
	Kandi	0.70	
	11 Dinapore „ 11, '87	0.97	Weather—very hot and close. More heavy rain during the week caused some damage to <i>bhadoi</i> and jute, but on the whole prospects fair. Prices stationary.
RAJSHAHY DIVN.	Thakurgaon	0.41	
	12 Rajshahye „ 11, '87	1.68	Weather—hot and cloudy. Flooding of rivers, particularly Jabuna and Atrai, from heavy rain has done great injury in the Nowgong sub-division and in thanas Singra, Baraigaon, Tanore and Baumara. <i>Boro</i> paddy, just ripening, has been nearly destroyed; <i>til</i> , <i>aus</i> and <i>amun</i> have suffered considerably, also jute in places. Sugarcane promising. Public health good. No great change in prices.
	Natore	0.92	
	Nowgong	0.57	
	13 Rangporo „ 11, '87	0.90	Weather—hot and still. Crops generally excellent except where damaged by floods. <i>Aus dhan</i> is being cut. Cholera has almost disappeared.
	Gaibanda	0.44	
	Nilphamari	1.64	
	Kurigram	1.19	
	14 Bogra „ 11, '87	1.64	Weather—very sultry with occasional clouds and slight rain on four days. Sowing of <i>aus</i> and jute stopped on account of recent very heavy fall of rain. Considerable damage done to crops in places. Public health fair.
	Sherpur	0.89	
	Nowkhilla	0.63	
DACC DIVISION.	15 Pubna „ 11, '87	1.62	Rain stopped; weather hot and sultry. Prospects of crops good. General health good.
	Serajgunge	1.79	
	16 Darjeeling „ 11, '87	0.99	Weather—seasonable. State and prospect of crops favourable.
	17 Julpigoree „ 11, '87	0.83	The week has been exceptionally hot; very little rain. The fine hot weather has done good to all crops, too much rain having fallen in May. Jute, however, is more or less permanently injured. In the Alipore sub-division early rice is said to have suffered from excess of rain. Cholera has been raging in parts of the sub-division, but has somewhat abated.
	<i>Eastern Districts.</i>		
	18 Dacca June 11, '87	2.77	Weather—hot. <i>Til</i> is being cut. <i>Amun</i> paddy and jute doing well. Damage to paddy crops in low lands is anticipated owing to sudden rise of river. On the whole prospects of crops good. Public health generally good.
	Manickgunge	1.63	
	Munsingunge	2.54	
	Narsingunge	1.02	
	19 Furreedpore „ 11, '87	0.97	Weather—hot with clouds. Prospects of crops satisfactory. Public health fair.
	Madaripore	0.87	
	Goalundo	2.99	
	20 Backergunge „ 9, '87	2.99	Weather—very hot. Slight injury to <i>aus</i> by recent flood in Patnakhali and Bhola. Cultivation of <i>amun</i> going on. Rain wanted. General health good.
	21 Mymensingh June 10, '87	4.69	Heavy rain on the 4th and 6th. Rain general throughout the district. Prospects of crops good.
	Jamalpur	8.42	
	Kishoregunge	11.14	
	Attia	9.24	
	Netrokona	5.60	

* Rainfall at Cutwa in the Burdwan district, during the week ending 4th June 1887 was 14.63 inches.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—contd.			
Eastern Districts—contd.			
CHITTAGONG DIVN.	22 Chittagong, June 13, '87	1.92	Weather—seasonable with occasional showers. <i>Aus</i> is being transplanted. Prices stationary. Cholera still reported; public health otherwise good.
	23 Noakhally " 10 "	1.29	Weather—generally hot and close with occasional scanty rainfall. More rain urgently wanted. Rice now 20 seers per rupee. Public health fair.
	24 Tipperah " 9, '87	3.34	Weather—seasonable. More rain would be acceptable. The crops are flourishing in every respect; those that are ripe are being gathered in with good results. Public health fairly good.
	25 Chittagong Hill Tracts. " 7, '87	2.40	Weather—excessively hot and cloudy during greater part of the week. Three-fourths of <i>joom</i> sowings completed. Early paddy crop thriving well. Sugarcane doing well. Public health continues good.
	Hill Tipperah " 9 "	1.95	Weather—hot. Sowing of <i>aus</i> paddy over. Prospects of chillies, sugarcane and <i>til</i> continue good. Public health good.
BEHAR.			
FAIR DIVN.	26 Patna, June 11, '87	1.68	Weather—excessively hot and close. Fields are being prepared for <i>bhadoi</i> sowings. In some places <i>bhadoi</i> sowings have commenced. Prospect of sugarcane continues fair. Cholera reported from the Barh and Behar sub-divisions.
	27 Gya " 11 "	1.16	Weather—hot. <i>Bhadoi</i> being sown. Sugarcane doing well. Cholera, fever and small-pox reported.
	28 Shahabad " 11 "	Nil	Weather—very hot. Preparation for <i>bhadoi</i> sowings in progress. Sugarcane doing well. Cholera reported from the Bhabua sub-division and elsewhere in the interior of the district in sporadic form. Prices stationary.
	29 Darbhanga " 11 "	0.11	Weather—very hot. Prospects of rice continue satisfactory. <i>Bhadoi</i> has commenced to be sown. Prices remain stationary. Cholera reported from the Madhubani sub-division.
	30 Mozufferpore " 11, '87	Nil	Weather—cool during the early part of the week, but excessively hot during the latter part. Prospects of crops promising. Early rice, <i>cheena</i> , <i>sama</i> , and <i>kaoni</i> coming up well. <i>Moong</i> being reaped in places. Sowing of <i>bhadoi</i> crops in progress. Cholera still prevails in the district.
BHAGULPORE DIVN.	31 Saran " 11 "	0.89	Weather—damp and sultry. Prospects of crops favourable. A severe storm, accompanied with rain, caused much damage to trees and plants on the 8th. Sporadic cases of cholera still reported.
	32 Champaran " 11 "	0.39	Weather—very hot. Prospects of indigo and other standing crops favourable. Sowings of <i>bhadoi</i> and <i>aghani</i> in progress. Prices stationary. Cholera in all parts of the district, but somewhat abating.
	Bettiah " 11 "	1.19	
	33 Monghyr, June 11, '87	Nil	Weather—very hot and sultry. Ploughing and sowing of <i>bhadoi</i> rice going on briskly throughout the district. Prospects favourable. Cholera continues in the Sudder and Begusarai sub-divisions, and has rather increased in the Jamui sub-division.
	34 Bhagulpore " 11 "	0.45	
BHAGULPORE DIVN.	Mudehpore " 11 "	0.21	Weather—sultry. The spell of fine weather has done much to right the damage done in low lands by the heavy falls of preceding week. Sowing and cultivation going on briskly and all prospects good. Public health improving.
	35 Purneah " 11 "	1.04	Weather—bright and genial. The cessation of the heavy rain has saved the crops, which are now doing well, with the exception of indigo.
	Kishengunge " 11 "	1.17	
	Arracah " 11 "	3.72	
	36 Maldah " 11, '87	0.53	Weather—very hot; generally bright, but occasionally cloudy. Harvesting of <i>boro</i> paddy almost over; outturn good. <i>Bhadoi</i> crops doing well. In some places winter paddy being sown. Average price of common rice about 22½ seers per rupee. Public health good.
BHAGULPORE DIVN.	Chanchal " 11 "	1.46	
	Gajol " 11 "	1.5	
	37 Sonthal Pargana " 11 "	0.16	Weather—hot and cloudy; southerly and easterly winds and occasional showers. Ploughing going on. Rice and indian-corn being sown. Sugarcane and indigo doing well; but indigo on <i>char</i> lands and <i>boro</i> paddy slightly damaged by late storms. Public health good.
	Deoghur " 11 "	0.13	
	Godda " 11 "	0.35	
ORISSA DIVN.	Jamtara " 11 "	0.19	
	Pakour " 11 "	0.96	
	Rajmehal " 11 "	0.11	
	38 Cuttack, June 10, '87	0.85	Weather—hot, but cloudy at times. Sowing of rice in progress; plants coming up in places. Rain of 8th was beneficial to sowing. More rain shortly expected. Common rice 18½ seers per rupee in town. Public health generally good.
	39 Pooree " 9 "	0.01	Weather—hot and cloudy. More rain wanted. <i>Sarad</i> paddy being sown. Common rice 25 seers 3 chittacks per rupee in the Sudder sub-division and 21 seers 6 chittacks in the Khoorda sub-division. Cases of cholera and small-pox reported.
	40 Balasore " 10 "	Nil	Weather—hot and cloudy. Ploughing and sowing of rice have recommenced. The cyclone of 25th May caused loss of some cattle on the sea-coast; nine persons only died from exposure and shock in the mofussil. Public health generally good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospect of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh, June 10, '87	0.22	Weather—unsettled; occasionally cloudy. Sowings in progress all over the district. Sugarcane much benefited by the late rain. General health good.
42	Locharaugha „ 11 „	2.11	Weather—hot and cloudy. Sowing and ploughing going on. Rain wanted. Prices steady. Cholera and small-pox still reported from Palamow.
43	Singbhoom „ 10 „	0.08	Weather—hot and steamy. Very slight rain. The regular rains cannot be said to have set in yet. <i>Teo</i> paddy being cut. Paddy newly sown already sprouting. All crops progressing favourably. Cholera in parts; otherwise public health good.
44	Nachbhoom „ 11 „ Govindpur ...	0.68 1.9	Weather—occasional dust-storms; otherwise hot. Rains not yet regularly broken. Fields being ploughed and sown with rice. Sugarcane and cotton doing well. Public health good.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 14th June 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 5th to 11th June 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
June	5th	148.0	1.5	29.542	83.7	91.4	11.2	80.2	78.9	0.931	77.1	80	SSE and variable ...	174	0.56	Chiefly cloudy, o, t, p, <, /.
"	6th	148.0	7.3	.520	85.0	92.5	19.9	72.6	80.0	.960	78.0	80	SSW and S ...	178	Nil	Chiefly cloudy, o.
"	7th	152.5	8.1	.539	86.5	94.0	21.3	72.7	81.3	1.002	79.3	60	SSE and S ...	143	"	Partially cloudy.
"	8th	150.7	3.7	.593	87.0	93.9	14.2	79.7	81.2	0.989	78.9	78	S by E and variable	82	"	Chiefly cloudy, o, d.
"	9th	148.5	3.1	.602	85.3	92.0	13.8	78.2	79.7	.939	77.3	78	WNW and SSE ...	77	"	Chiefly cloudy, o, t.
"	10th	150.7	7.4	.578	85.6	91.7	12.6	79.1	78.3	.873	75.1	71	SSE and ESE ...	113	"	Chiefly cloudy, C, d.
"	11th	151.5	4.4	.541	84.2	89.7	11.0	78.7	78.4	.892	75.8	75	SE by E, E and ESE	145	0.02	Chiefly cloudy, o, g, t, d, p.

The mean pressure of the seven days	...	Inches	29.559
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.573
The total number of hours of bright sunshine	...	Hours.	35.5
The maximum possible number of hours of sunshine	...	...	94.0
The mean temperature of the seven days	...	°	85.3
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	85.8
The extreme variation of temperature	...	...	21.4
The maximum temperature	...	...	94.0
The highest velocity of the wind in one hour	...	Miles.	17
The highest pressure of wind on one square foot	...	Lbs.	11
The mean relative humidity	...	%	77
The average relative humidity of the corresponding period for 24 years, S. G.'s Office...	...	...	79
The total fall of rain from 5th to 11th June 1887	...	Inches.	0.58
The average fall of the corresponding period for 24 years, S. G.'s Office ...	...	...	2.48
The total fall from 1st January to 11th June 1887	...	...	11.52
The average fall of the corresponding period for 24 years, S. G.'s Office ...	...	...	12.91

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, d dew, < lightning, / strong wind.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 13th June 1887.

Meteorological Report of the Province

METEOROLOGICAL DIVISION.	DISTRICT.	Representative stations.	STATION OBSERVATIONS.															
			AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.		Rainfall.	
			Highest, 10 A.M., barometer reading of month.	Lowest, 10 A.M., barometer reading of month.	Mean, 10 A.M., for month.	Mean reduced to sea-level.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mean cloud amount, 10 A.M.		Variation from normal mean, 10 A.M.
ORISSA.	Pooree	Gopalpore	29.834	29.467	29.637	29.687	-.081	93.2	74.0	88.4	82.2	85.3	+1.5	78	-	3.2	-	
		False Point	29.876	29.471	29.661	29.679	-.081	94.5	70.1	87.0	77.0	82.0	-3.2	75	-8	6.5	-3.3	
	Cuttack	Cuttack	29.810	29.426	29.603	29.683	-.057	113.9	70.8	101.3	81.2	91.3	+0.9	58	-7	5.7	+1.9	
	Balasore	Balasore	29.799	29.078	29.610	29.668	-.101	102.1	69.9	93.2	78.6	85.9	+0.2	66	-	1.6	-	
SOUTH-WEST BENGAL.	South-West Midnapore and South 24-Pergunnahs.	Saugor Island	29.865	29.384	29.684	29.710	-.053	96.7	70.5	92.0	80.7	86.4	+0.8	77	-3	7.1	+1.6	
	Midnapore	Midnapore	29.726	29.084	29.534	29.683	-.073	107.9	64.7	97.9	77.6	87.8	-0.3	64	-	3.1	-	
	24-Pergunnahs, Howrah, and Hooghly.	Calcutta	29.865	29.466	29.676	29.697	-.060	98.9	65.2	92.7	77.6	85.2	-0.1	69	-7	5.9	+0.5	
	Burdwan	Burdwan	29.797	29.364	29.592	29.691	-.053	107.2	67.4	96.0	77.4	86.7	-0.5	64	-3	5.6	+1.6	
	Bankoora	Bankoora	29.531	29.078	29.355	-	-	109.1	66.7	98.0	77.6	87.8	-	63	-	2.6	-	
	West Burdwan and Beerbhoom.	Ranigunj	29.564	29.131	29.351	-	-.068	110.0	64.5	98.6	78.0	88.3	-0.2	62	-	3.3	-	
	Moorshedabad	Berhampore	29.831	29.493	29.634	29.701	-.039	104.7	68.2	95.0	76.5	85.8	-1.4	71	0	5.4	+0.1	
	Nuddea	Krishnagar	29.836	29.507	29.652	-	-	103.8	66.3	94.2	76.2	85.2	-	69	-	5.1	-	
	Jessore and Khoolna	Jessore	29.867	29.667	29.690	29.723	-.034	99.3	68.0	93.6	77.6	85.6	+0.1	75	-1	6.6	+1.5	
	Chittagong	Chittagong	29.816*	29.546*	29.682*	29.771*	-.039	96.2	70.0	89.5	76.7	83.1	+0.9	68	-12	7.7	+2.7	
EAST BENGAL.	Chittagong Hill Tracts	Demagri																
	Backergunj	Barrisal	29.868	29.600	29.718	29.730	-.049	96.5	66.5	90.3	77.7	84.0	+2.3	73	-	5.5	-	
	Noakholly	Noakholly	29.865	29.580	29.707	29.750	-	94.0	67.5	89.1	76.6	82.9	+1.4	74	-	3.9	-	
	Furreedpore	Furreedpore	29.842	29.568	29.693	-	-.052	92.5	67.9	87.7	76.0	81.9	+0.3	73	-	2.5	-	
	Dacca	Dacca	29.875	29.583	29.715	29.737	-.023	98.1	68.6	91.4	77.4	84.4	+1.1	74	-6	6.0	+0.7	
	Tipperah	Commillah	29.861	29.580	29.718	29.753	-.032	98.3	68.8	92.3	76.6	84.4	+2.7	76	-	5.4	-	
	Mymensingh	Mymensingh	29.858	29.566	29.700	-	-.035	95.3	65.1*	90.2*	74.3*	82.3*	+2.9	76	-	6.5	-	
	Bogra	Bogra	29.812*	29.508*	29.638*	29.701*	-	102.8	68.3	94.7	75.2	85.0	-	69	-	5.1	-	
	Pubna	Serajgunj	29.854	29.542	29.679	29.726	-.053	98.6	66.7	92.0	74.6	83.3	+1.3	73	-	5.7	-	
	Rajshahye	Rampore Beaulah.	29.798	29.497	29.638	29.707	-.051	105.4	65.7	95.4	74.4	84.9	+0.1	68	-	2.9	-	
NORTH BENGAL.	Maldah	Maldah	29.697	29.363	29.526	-	-	105.3	68.4	96.7	75.6	86.2	-	65	-	3.6	-	
	Dinagore	Dinagore	29.770	29.450	29.595	29.715	-.024	99.1	65.7	93.3	75.0	84.2	+2.4	70	-	5.4	-	
	Rungpore	Rungpore	29.775	29.467	29.669	29.734	-.071	96.8	66.3	90.1	74.1	82.1	+2.8	78	-	1.2	-	
	Julpigoree and Cooch Behar.	Julpigoree	29.634	29.318	29.460	29.740	-.069	95.5	66.8	87.9	72.0	80.4	+1.6	93	-	5.3	-	
	Darjeeling Hill Tracts...	Darjeeling	29.665	22.830	22.955	-	-.009	73.1	46.2	63.6	52.9	58.3	+2.5	87	0	7.4	+0.2	
	Purneah and North Bhagulpore.	Purneah	29.773	29.435	29.582	29.707	-.048	104.3	64.7	95.8	76.7	86.3	+2.3	62	-7	3.8	+0.3	
	Mozufferpore	Mozufferpore						Observations suspended.										
	Durbhunga	Durbhunga	29.728	29.361	29.521	29.688	-.047	102.9	65.9	94.9	77.2	86.1	+0.7	70	+5	4.4	+2.3	
	Chumparun	Motihari	29.653	29.314	29.440	29.676	-.061	105.8	66.3	95.9	76.2	86.1	+1.4	60	-	4.2	-	
	Sarun	Chupra	29.676	29.337	29.464	-	-.080	109.5	71.2	100.0	77.9	89.0	+1.9	57	-	2.7	-	
SOUTH BENGAL.	Shahabad	Dehree	29.486	29.156	29.273	29.619	-.066	108.0	72.0	97.5	80.0	88.8	+0.5	37*	-	1.9	-	
		Buxar	29.630	29.292	29.469	29.646	-.070	108.4	71.8	100.0	79.3	89.7	+0.8	44	-	2.5	-	
		Arrah	29.656	29.300	29.441	29.635	-.082	109.4	72.7	100.3	78.6	89.5	+0.8	51	-	2.6	-	
	Gya	Gya	29.466	29.063	29.264	29.637	-.072	110.6	73.8	103.1	81.3	92.2	+0.8	47	-2	2.9	+0.4	
	Patna	Bankipore	29.693*	29.314*	29.483*	29.664*	-.051	109.6	69.7	98.0	78.0	88.0	-1.0	58*	+3	3.6*	+0.7	
	South Bhagulpore and Monghyr.	Bhagulpore	29.714*	29.279*	29.496*	29.660*	-.067	104.7	68.0	94.6	76.9	85.8	-0.1	62	-	2.3	-	
	Sonthal Pergunnahs	Naya Doonka	29.380	28.960	29.175	-	-.071	108.2	67.9	96.6	76.9	86.8	-0.4	73	-	3.0	-	
	Hazaribagh	Hazaribagh	27.883	27.444	27.690	29.645	-.047	106.5	63.7	97.2	75.3	86.3	+0.1	42	0	3.8	+0.5	
	Loharougga and Manbhoom.	Ranchee	27.750	27.361	27.564	29.632	-.079	105.0	65.9	97.6	74.1	85.9	+1.1	44	-	4.0	-	
	Singbhoom	Chaibassa	29.098	28.531	28.890	-	-.091	111.3	69.7	101.9	79.2	90.5	+0.5	49	-	2.3	-	
CHUTIA NAGPUR.		Sibsagar	29.588	29.341	29.453	29.787	-.045	95.4	67.9	89.0	73.9	81.4	+3.0	78	-4	6.6	-1.6	
	Assam	Dhubri	29.798	29.495	29.636	29.754	-.054	97.8	65.4	87.1	74.2	80.7	+1.3	79	-1	5.0	+0.4	
		Silchar	29.814	29.516	29.670	29.776	-.055	102.1*	67.8	91.9*	74.2*	82.8	+2.7*	73	-8	6.8	+0.7	

* Mean for 30 days.

† Mean for 26 days.

‡ Mean for 29 days.

Bengal for the month of May 1887.

DISTRICT OBSERVATIONS.											Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.													
Of month.					Since 15th May 1887.								
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.				
1.38	2.90	+2.48	4.0	5.9	4.26	1.56	+2.70	2.5	3.3	Gopalpore ... } Pooree	ONISSA.		
6.13	3.45	+2.68	4.8	6.7	4.90	1.96	+2.94	2.4	3.9	False Point ... } Cuttack			
9.07	4.40	+4.67	6.7	8.6	7.28	2.12	+5.16	2.7	4.2	Cuttack ... } Balasore			
3.85	4.85	-1.00	7.3	8.1	2.94	2.20	+0.74	4.4	4.2	Balasore ... } Saugor Island ... South-West Midnapore and South 24-Pergunnahs.			
5.93	5.09	+0.84	9.0	7.9	3.69	1.96	+1.73	4.0	3.7	Midnapore ... } Midnapore	SOUTH-WEST BENGAL.		
6.13	5.63	+0.50	10.1	9.7	2.70	2.63	+0.07	4.4	5.0	Calcutta ... } 24-Pergunnahs, Howrah, and Hooghly.			
10.46	4.72	+5.74	10.7	8.2	8.40	2.28	+6.12	5.7	4.3	Burdwan ... } Burdwan			
4.90	3.84	+1.06	8.0	9.2	3.49	1.83	+1.66	5.0	3.8	Bankoora ... } Bankoora			
8.63	3.04	+5.64	10.8	7.9	6.77	1.66	+5.11	7.2	4.2	Ranigunj ... } West Burdwan and Beerbhoom.	SOUTH-WEST BENGAL.		
11.24	4.84	+6.40	11.3	8.3	8.86	2.67	+6.19	8.5	4.6	Berhampore ... } Moorsheadabad			
9.29	6.18	+3.11	10.8	9.5	6.80	3.35	+3.45	7.0	5.0	Krishnagar ... } Nadden			
5.83	6.85	-1.02	9.8	10.7	1.77	3.38	-1.61	4.4	5.6	Jessore ... } Jessore and Khoosia ...			
2.13	10.13	-2.00	9.5	12.3	2.17	5.47	-3.30	3.0	6.0	Chittagong ... } Chittagong	EAST BENGAL.		
7.50	9.70	-2.20	12.0	13.4	2.84	4.20	-1.36	7.0	6.4	Demagri ... } Chittagong Hill Tracts			
8.08	7.05	+0.43	8.5	12.7	1.66	4.03	-2.37	2.5	6.5	Barrisal ... } Backergunj			
8.66	16.54	-1.88	11.6	13.3	1.57	5.01	-3.44	3.5	6.6	Noakholly ... } Noakholly			
5.00	8.82	-3.82	8.3	12.0	1.29	4.52	-3.23	3.3	6.0	Furreedpore ... } Furreedpore	EAST BENGAL.		
5.48	9.41	-3.93	9.3	13.5	1.41	4.15	-2.74	4.3	6.3	Dacca ... } Dacca			
6.81	10.74	-3.93	7.3	13.8	0.70	4.62	-3.92	2.3	6.7	Commillah ... } Tipperah			
6.09	9.82	-3.73	8.8	13.3	2.84	4.78	-1.94	5.0	6.7	Mymensingh ... } Mymensingh			
8.93	7.70	+1.23	10.3	11.0	8.69	4.27	+4.32	7.8	5.5	Bogra ... } Bogra	NORTH BENGAL.		
5.24	7.22	-1.98	12.5	10.7	2.63	3.92	-1.29	7.0	5.4	Serajgunj ... } Pubna			
7.97	6.02	+1.95	8.5	9.2	7.37	3.12	+4.25	6.5	4.9	Rampore Beaulah. } Rajshahye			
10.27	4.09	+6.18	8.5	7.4	9.50	2.34	+7.16	7.0	3.9	Maldah ... } Maldah			
13.28	5.33	+9.95	9.8	8.1	14.05	3.09	+10.96	7.2	3.8	Dinagore ... } Dinagore	NORTH BENGAL.		
16.62	10.83	+5.69	11.8	12.6	13.18	6.97	+6.21	9.0	6.6	Rungpore ... } Rungpore			
18.80	13.29	+5.60	16.6	16.1	14.63	8.63	+6.00	11.0	8.6	Julpigoree ... } Julpigoree and Cooch Behar.			
19.67	9.95	+9.62	16.8	16.5	15.41	5.72	+9.69	10.0	8.8	Darjeeling ... } Darjeeling Hill Tracts...			
16.32	4.19	+12.13	9.0	6.6	15.21	2.21	+13.00	6.4	3.1	Purneah ... } Purneah and North Bhagulpore.	NORTH BENGAL.		
6.74	2.19	+4.55	6.3	4.1	6.45	1.05	+5.40	5.3	1.9	Mozufferpore ... } Mozufferpore			
6.74	2.39	+4.35	7.0	4.3	5.85	1.11	+4.74	5.7	1.8	Durbhunga ... } Durbhunga			
2.54	2.59	-0.05	7.0	4.6	2.18	1.29	+0.89	4.0	2.2	Motihari ... } Chumparun			
4.63	1.93	+2.70	5.0	3.4	4.42	0.84	+3.58	4.3	1.3	Chupra ... } Sarun	SOUTH BENGAL.		
6.01	1.01	+5.00	3.3	2.8	6.01	0.47	+5.54	3.3	1.4	Dehree ... } Shahabad			
5.32	1.54	+3.78	5.3	3.1	5.28	1.11	+4.17	4.5	1.7	Buxar ... } Gya			
7.77	1.75	+6.02	5.8	3.4	7.72	1.07	+6.65	5.3	1.8	Arrah ... } Patna			
8.64	2.10	+6.54	7.6	4.1	7.39	1.30	+6.09	5.4	2.1	Gya ... } South Bhagulpore and Monghyr.	SOUTH BENGAL.		
12.98	3.19	+9.79	9.8	6.0	11.74	1.77	+9.97	6.5	3.1	Naya Doomka... } Sonthal Pergunnahs ...			
7.21	2.24	+4.97	6.5	6.0	6.51	1.29	+5.22	4.3	3.3	Hazaribagh ... } Hazaribagh			
11.46	2.71	+7.75	10.0	8.8	9.41	2.12	+7.29	5.0	4.9	Ranchee ... } Lohardugga and Manbhoom.			
										Chaibassa ... } Singbhoj	ASSAM.		
										Sibsagar... } Assam			
										Dhubri ... } Shillchar...			
										Shillchar...			

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA	Poree	Poree	...	...	...	0.90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurda	...	...	...	1.24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur	...	...	...	1.25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		False Point	...	...	...	1.90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop	...	...	...	1.52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack	Pipli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jakatsingapore	...	...	...	1.54	...	...	...	...	...	0.57	0.34	...	...	...	...	...	...	...	...	...
		Banki	...	...	...	0.58	...	...	...	...	...	0.20	...	0.03	0.02	...	...	...	...	...	...	...
		Cuttack	...	...	...	1.18	...	...	...	...	...	...	0.31	...	...	0.13	...	...	...	...	...	...
		Kendrapara	...	...	...	0.35	...	...	...	...	...	...	...	0.50	...	0.38	...	...	...	...	...	...
	Ralasore	Jajpore	...	...	...	...	...	...	...	...	...	0.35	...	...	...	0.65	...	...	...	...	...	...
		Dharmasalla	...	...	...	0.30	...	...	...	...	...	0.16	...	...	...	...	...	...	...	...	...	...
		Salipore	...	...	...	0.86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali	...	...	...	0.20	...	...	0.15	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhuddruck	...	...	...	0.46	...	...	0.54	0.30	0.64	...	0.06	...	0.63	...	...	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore	Sorab	...	...	...	1.64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Belasore	...	...	...	0.47	...	...	...	0.19	...	...	...	...	...	...	...	...	...	...	...	...
		Jellasore	...	...	...	0.30	...	...	...	...	0.10	...	...	...	...	0.50	...	...	...	...	...	...
		Baripodah	...	...	...	0.16	...	...	...	...	0.40	...	...	...	...	0.81	...	...	...	...	...	...
		Baripodah	0.70	...	0.30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	24-Pergunnahs	Baripodah	0.60	...	0.56	0.16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Contai	0.01	0.04	...	0.09	...	...	...	...	...	...	0.20	...	0.20	0.02	0.08	...	...	...	...	...
		Saugor Island	0.04	0.07	0.03	0.10	...	...	...	...	...	...	0.15	0.15	...	0.70	...	...	...	...	...	...
		Tumlook	0.70	...	...	...	...	...	...	...	...	...	0.40	...	...	...	...	...	...	...	...	...
		Midnapore	0.08	1.08	0.31	...	...	...	...	...	...	...	0.39	...	0.21	...	...	...	...	...	...	...
	Howrah	Ghatal	0.22	...	0.57	...	...	...	...	...	...	...	0.07	0.15	0.99	0.04	...	...	...	...	...	...
		Devog	1.17	...	...	0.20	...	...	...	...	...	0.30	...	...	...	0.73	...	...	...	...	...	...
		Heria																				

Bengal in May 1887.

22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st May 1887.	Average rainfall from 1st January 1887 up to 31st May 1887.	Station.	District.	Meteorological division.
...	0.22	1.33	...	...	...	...	...	3	5.3	2.45	2.62	1.33	3.02	5.42	Pooree	Pooree	ORISSA.
...	0.66	1.43	0.03	0.05	...	...	...	6	7.4	2.82	3.46	1.43	3.44	6.02	Khurdah.	...	...
...	0.20	1.46	...	...	...	...	...	3	4.6	2.91	2.28	1.46	2.91	5.10	Banpur.	...	...
...	0.68	5.67	...	...	...	...	...	4	6.2	13.34	3.75	6.68	15.96	8.53	False Point.	...	...
...	0.21	3.47	...	...	...	...	...	3	...	5.20	...	3.47	5.40	...	Gop.	...	...
...	2.46	...	...	...	...	...	...	...	...	...	...	...	...	Pipit.	...	...
...	3.18	1.10	...	...	...	...	...	4	4.9	6.73	2.85	3.18	8.53	5.29	Jagatsingapore.	Cuttack.	...
...	0.05	1.04	...	0.29	...	...	...	6	6.5	2.01	2.41	1.04	4.89	5.48	Banki.	...	...
...	0.11	2.89	...	...	...	...	...	4	8.6	4.38	3.27	2.89	7.71	6.82	Cuttack.	...	...
...	2.06	4.18	...	...	...	...	...	5	6.1	7.03	3.97	4.18	9.12	6.99	Kendrapara.	...	...
...	9.15	...	0.35	...	...	...	5	7.6	10.48	4.42	9.15	14.07	9.18	Jajpore.	...	...
...	0.19	5.00	...	...	...	...	...	6	...	6.93	...	5.00	9.71	...	Dharmasalla.	...	...
...	0.40	2.40	...	...	...	...	...	4	...	3.82	...	2.40	5.67	...	Salipore.	...	...
...	11.50	1.70	...	...	...	...	...	4	7.5	13.55	4.99	11.50	14.48	8.61	Chandbali	Balasore.	...
...	7.66	...	...	...	...	...	8	8.2	11.33	5.16	7.66	19.58	10.14	Bhuddruck.	...	...
...	1.71	4.80	...	...	...	...	...	6	8.3	8.94	4.89	4.89	14.24	9.34	Sorah.	...	...
...	0.25	6.46	0.45	3.45	...	...	...	7	9.9	11.85	4.95	6.46	13.35	11.58	Balasore.	...	...
...	0.60	0.40	0.10	...	...	...	...	7	7.0	2.70	3.37	0.70	7.03	7.46	Jellasore.	...	...
...	2.50	0.06	0.03	...	...	...	8	10.5	6.02	4.80	2.50	9.52	8.47	Baripodah.	...	...
...	0.50	2.00	0.53	0.01	0.10	...	...	12	6.2	3.78	4.46	2.00	7.18	8.78	Contai	Midnapore	SOUTH-WEST BENGAL.
...	0.72	1.83	...	0.19	...	...	...	10	8.6	3.91	4.54	1.83	8.33	8.65	Saugor Island.	...	...
...	0.50	0.70	1.00	...	...	...	...	6	6.3	4.40	4.93	1.00	6.30	9.89	Tumlook.	...	...
...	0.25	1.43	2.18	...	0.22	...	0.32	10	8.6	6.69	5.32	2.18	12.59	9.86	Midnapore.	...	...
...	0.59	0.65	2.68	...	...	...	0.44	10	8.7	6.70	5.38	2.68	12.89	10.10	Ghatal.	...	...
...	0.34	0.95	1.24	...	...	...	...	7	...	4.93	...	1.24	9.57	...	Devog.	...	...
...	0.17	2.35	0.71	...	...	...	...	8	...	4.00	...	2.35	5.91	...	Heria.	...	...
...	0.13	0.12	1.59	0.41	...	...	...	6	...	2.80	...	1.59	3.66	...	Shogwanpore.	...	...
...	0.50	...	3.25	...	...	0.48	5	...	4.82	4.59	3.25	9.52	9.96	Garbeta.	...	...
...	0.45	1.70	...	0.64	...	...	0.16	6	9.5	3.85	5.16	1.70	8.20	11.06	Diamond Har-	24-Pergunah	...
...	0.29	0.47	0.99	0.60	...	...	...	11	...	6.43	...	1.22	9.04	...	bour.	...	...
...	0.71	0.93	1.62	...	...	...	0.35	11	9.9	6.49	5.38	1.35	12.20	10.82	Canning Town	...	...
...	0.50	0.97	0.92	...	...	0.35	11	9.1	7.44	5.24	1.60	14.49	10.39	Alipore Jail.	...	...
...	0.19	1.43	0.54	...	...	1.27	11	9.6	9.51	5.93	1.68	15.32	10.98	Barrackpore.	...	...
...	0.96	1.37	0.08	0.13	...	0.47	11	9.7	5.12	6.05	1.37	12.99	11.13	Dum-Dum.	...	...
...	0.46	...	...	...	...	0.95	8	10.3	4.58	6.66	1.18	9.67	12.29	Baraset.	...	...
...	0.67	0.57	0.75	0.08	...	...	0.57	13	9.9	7.71	5.09	1.61	12.74	10.78	Buseerhat.	...	...
...	0.64	0.45	0.42	...	...	...	...	9	9.7	3.83	6.26	0.83	7.70	10.65	Howrah	Howrah.	...
...	0.36	1.08	...	0.63	...	0.47	12	10.5	6.53	5.02	1.42	13.95	10.11	Mohesreka	...	...
...	0.21	0.72	0.28	...	...	0.25	...	7	9.2	4.28	5.76	1.87	10.83	12.11	(Golobertah).	...	...
...	0.07	0.61	3.24	0.55	...	...	0.35	8	8.6	5.81	5.17	3.24	10.11	9.85	Serampore	Hooghly.	...
...	0.34	0.70	2.70	1.75	...	...	...	7	7.3	7.23	4.87	2.70	12.91	10.13	Hooghly.	...	...
...	0.07	0.17	5.35	1.00	0.28	...	0.13	14	9.6	10.04	5.15	5.35	16.84	9.94	Jehanabad.	...	...
...	0.70	4.79	4.69	0.19	...	0.37	11	7.8	14.12	5.51	4.79	21.33	10.05	Culina	Burdwan.	...
...	0.45	0.84	1.18	1.06	0.43	...	1.35	10	7.6	6.99	3.18	1.35	9.99	6.60	Burdwan.	...	...
...	0.10	0.71	0.78	...	...	1.30	8	...	5.50	...	1.50	9.59	...	Cutwa.	...	...
...	0.41	0.25	1.14	0.14	...	1.48	8	8.1	4.27	3.43	1.48	7.96	7.89	Raneegunge.	...	...
...	0.09	0.10	0.30	0.40	1.48	...	0.48	9	8.4	4.43	5.29	1.48	8.06	8.99	Mankur.	...	...
...	0.68	1.20	0.72	...	...	3.00	6	7.4	7.14	3.41	3.00	9.93	6.03	Bankoora	Bankoora.	...
...	0.12	0.35	0.15	0.92	...	0.54	9	7.7	3.76	3.32	0.92	11.52	6.47	Bishenpore.	...	...
...	0.25	0.25	2.13	0.42	...	0.52	10	...	6.77	...	2.13	10.99	...	Maliara.	...	...
...	0.49	0.31	1.51	...	...	0.60	7	...	4.06	...	1.51	7.53	...	Khatra.	...	...
...	0.39	0.60	0.65	...	...	0.50	5	...	1.45	...	0.60	4.95	...	Indas.	...	...
...	0.65	1.00	0.86	...	...	2.83	5	...	5.90	...	2.83	8.21	...	Katulpore.	...	...
...	0.75	0.12	3.25	0.25	...	0.45	10	...	7.42	4.37	3.25	11.97	7.75	Anda.	...	...
...	1.09	1.70	...	...	1.10	3	...	3.89	...	1.70	7.51	...	Gangajalghati.	...	...
...	0.06	0.11	0.55	3.05	3.18	0.29	0.22	13	8.2	10.68	3.29	3.18	16.19	6.27	Raipore.	...	...
...	0.21	1.89	1.15	0.99	0.66	0.92	...	9	8.3	6.46	3.50	1.89	11.77	6.47	Sonamukhi.	...	...
...	0.28	0.40	3.95	1.20	0.45	0.74	0.72	11	7.6	10.57	3.48	3.95	19.25	7.17	Bh. Soory	Beerbhoom.	...
...	0.33	0.34	0.88	0.66	...	1.21	9	...	4.67	...	1.21	7.70	...	Hetampore.	...	...
...	1.46	0.18	0.68	1.11	0.60	0.41	...	13	7.1	5.89	5.26	1.11	11.51	11.04	Rampore Haut.	...	...
...	1.30	0.29	0.68	1.16	2.57	...	0.05	10	10.5	10.83	6.61	2.59	16.95	11.83	Bolpur.	...	...
...	0.60	1.02	1.12	0.34	...	...	8	10.1	7.08	7.99	1.30	14.40	14.36	Kanunghat	Nudden.	...
...	0.43	0.35	1.28	5.33	...	0.73	0.09	13	8.8	15.21	5.81	5.33	23.75	12.23	Kishnaghat.	...	...
...	0.05	0.29	1.32	0.83	0.26	...	...	10	10.7	7.46	7.19	3.05	14.92	13.31	Choodadanga.	...	...
...	1.14	0.04	...	...	...	0.44	9	9.8	7.04	6.26	2.00	12.87	13.22	Meherpore.	...	...
...	0.50	1.20	...	...	...	...	10	9.3	7.98	6.94	2.50	13.60	13.95	Kooshtea.	...	...
...	0.69	0.10	...	...	...	...	9	11.0	8.67	6.62	3.25	15.33	13.74	Satkhira	Khoolna.	...
...	0.17	0.61	...	...	...	...	9	11.3	3.59	6.80	1.06	8.05	13.79	Bagirhat.	...	...
...	0.48	1.05	...	...	...	...	9	12.9	8.24	7.55	2.81	13.88	15.45	Khoolna.	...	...
...	0.06	0.32	0.90	0.80	0.65	...	...	13	10.9	4.96	6.53	0.90	8.88	13.41	Narail	Jessore.	...
...	0.09	0.26	0.64	...	...	...	...	12	12.4	3.99	7.95	1.00	11.77	15.72	Jessore.	...	...
...	0.30	0.91	...	...	...	...	7	7.6	2.19	5.88	0.91	8.55	11.63	Jhenidah.	...	...
...	0.09	0.21	2.00	0.34	0.70	0.06	0.50	13	8.4	7.98	4.56	2.00	15.68	8.36	Magoorah.	...	...
...	0.05	2.00	2.65	0.45	0.68	0.45	10	8.7	9.23	4.92	2.68	17.06	9.36	Bougong.	...	...
...	0.20	2.20	3.40	1.32	1.02	0.54	10	7.6	12.20	4.89	3.40	18.33	8.14	Kandi	Moorshedabad	...
...	0.04	0.15	2.55	2.94	1.03	1.14	0.65	10	8.7	10.94	4.70	2.94	17.24	8.24	Berhampore.	...	...
...	0.07	0.27	0.11	2.74	1.50	0.63	0.49	14	7.1	13.30	4.90	0.11	16.97	7.96	Lalbagh.	...	...
...	0.42	3.15	3.62	0.82	0.85	0.50	11	9.0	13.77	5.61	3.62	18.66	9.06	Azingunge.	...	...
...	0.13	0.12	1.20	3.88	0.95	1.00	1.90	12	...	10.12	...	3.88	16.14	...	Jungipore.	...	...
...	0.05	0.50	1.90	0.20	...	0.35	0.45	12	...	6.65	...	1.90	...	...	Lalgota.	...	...
...	0.26	...	0.19	...	...	...	...	10	12.3	7.93	10.40	2.00	11.88	15.59	Akhriani.	...	...
...																	

Bengal in April 1887—continued.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st May 1887.	Average rainfall from 1st January 1887 up to 31st May 1887.	Station.	District.	Meteorological division.
...	...	0.59	0.87	0.63	0.01	...	...	...	...	...	11	9	16.28	?	4.70	24.04	?	Harishpore...	Noakholly—concl.	EAST BENGAL—contd.
...	0.14	0.15	...	...	...	...	...	10	11.7	5.10	9.18	0.89	10.37	17.09	Ramganj.	Furzedpore.	
...	0.89	0.60	...	...	...	...	...	6	15.1	5.89	8.63	3.35	11.29	16.70	Madaripore...		
...	0.52	...	...	...	...	...	...	9	11.3	4.00	7.57	1.95	14.15	15.02	Furzedpore.		
...	0.41	0.38	...	0.24	...	...	...	...	...	...	...	...	...	...	Goalundo.		
...	0.06	0.31	0.29	...	...	...	...	...	10	11.9	6.25	9.43	3.14	13.37	19.85	Munshigunge.	Dacca.	
...	0.08	0.94	0.12	...	...	...	...	...	8	13.1	6.36	9.14	1.82	13.19	18.33	Dacca.		
...	0.73	0.25	...	...	...	...	...	10	16.3	4.62	8.45	1.57	11.23	13.26	Naraingunge.		
...	0.15	0.64	0.01	0.01	...	...	...	9	12.5	4.69	8.35	2.02	12.66	16.16	Manickgunge.		
...	0.05	0.11	0.36	...	0.06	...	...	...	9	?	5.96	?	2.06	16.89	?	Joydebore.		
...	0.32	...	...	...	...	...	...	...	6	13.5	8.26	10.78	4.40	22.33	21.90	Agartola	Hill Tipperah.	
...	0.23	0.17	...	...	...	...	...	7	14.5	4.55	10.40	1.56	14.34	21.32	Comilla.	Tipperah.	
...	0.30	0.23	...	0.09	...	...	...	8	13.0	6.20	9.83	2.00	13.30	18.59	Chandpore.		
...	Brahmanberia		
...	0.10	0.40	...	...	...	...	7	?	5.85	?	3.05	13.74	?	Ramchandra-		
...	0.20	...	...	...	...	4	?	4.89	?	3.00	14.07	?	pore.		
...	0.71	...	...	...	...	...	4	?	8.02	?	3.50	12.28	?	Nasirnagar.		
...	0.10	...	...	...	...	...	4	?	3.96	?	2.63	9.54	?	Daudbandi.		
...	0.40	0.40	...	...	...	...	4	?	4.40	?	1.80	7.88	?	Kasba.		
...	Laksham.		
...	...	1.50	0.54	...	0.75	...	...	...	...	...	8	13.3	5.27	10.19	1.80	13.63	19.19	Kishoregunge.	Mymensingh.	
...	0.21	...	0.82	...	...	...	4	10.6	3.19	7.04	1.29	16.13	13.44	Atia (Tangail).		
...	...	1.40	0.10	0.10	0.42	0.01	0.50	0.10	...	...	14	15.4	8.39	11.67	1.58	18.64	20.80	Mymensingh.		
...	...	0.05	...	...	1.80	0.08	...	...	...	...	8	11.2	7.84	8.80	1.80	15.91	15.05	Jamalpur.		
...	0.34	0.39	0.08	...	0.32	10	15.8	5.78	9.94	1.92	14.84	16.60	Netrokona.			
...	0.48	...	1.11	1.98	...	9	?	5.40	?	1.98	15.54	?	Sabornakhally			
...	...	1.31	...	0.33	0.69	1.14	...	0.68	...	10	?	12.00	?	2.80	22.58	?	Durgapore.			
...	...	2.39	0.10	2.45	1.55	0.88	...	0.13	1.40	11	?	11.47	?	2.45	18.69	?	Dewanganj.			
...	0.18	0.22	0.15	0.82	0.36	0.27	...	11	10.6	3.03	6.92	0.82	12.63	13.57	Pubna	Pubna.	NORTH BENGAL.	
...	0.02	0.05	0.19	1.15	1.08	0.02	0.29	13	10.8	7.45	7.62	2.20	14.64	12.95	Serajgunge.		
...	0.11	2.45	0.73	0.35	1.83	10	11.6	6.66	8.48	2.45	13.73	12.63	Sherpore	Bogra.		
...	...	0.41	0.16	...	0.02	0.11	2.96	0.22	0.12	1.16	10	11.8	5.62	7.53	2.96	12.74	11.91	Nowkhilla.		
...	...	1.63	0.67	0.05	0.21	3.00	0.93	0.66	2.70	12	12.1	10.41	...	3.00	...	...	Bozra.			
...	...	1.25	0.30	...	2.30	5.26	0.84	1.06	2.00	7	8.3	13.01	7.41	5.24	15.64	10.49	Panchibibi.			
...	0.15	1.77	2.57	...	0.48	2.32	9	10.2	8.94	5.64	2.57	13.53	9.87	Beaulah	Rajshahye.	
...	0.56	2.59	1.08	0.15	0.75	8	8.1	6.99	6.82	2.50	12.95	11.29	Natore.			
...	...	0.23	...	...	0.51	1.25	4.58	...	0.07	1.28	9	?	10.24	?	4.58	15.15	?	Niozoon.		
...	0.17	0.93	3.99	0.61	...	0.10	11	?	7.60	?	3.00	13.29	?	Lalpor.		
...	0.81	0.12	1.14	3.70	0.22	0.46	0.30	10	?	10.10	?	3.70	12.85	?	Manda.			
...	0.54	...	1.75	2.80	2.82	2.55	8	7.7	12.57	3.91	2.82	16.24	7.60	Maldah	Maldah.	
...	0.04	...	0.16	1.58	1.75	0.55	1.80	1.76	9	7.1	7.98	4.86	1.80	10.60	7.55	Chanchai.		
...	0.12	3.08	2.00	1.50	0.60	1.40	7	?	10.92	?	3.68	13.30	?	Gajol.		
...	0.19	2.30	4.00	1.05	1.00	0.80	8	?	11.55	?	4.00	17.00	?	Sibganj.		
...	0.40	3.89	1.05	0.50	0.47	6.70	9	8.4	15.77	7.02	6.70	20.60	9.75	Mohadepore...	Dinagore.	
...	0.96	3.24	3.01	0.93	1.43	5.42	9	6.5	16.07	5.20	5.42	19.65	6.95	Churamon.		
...	0.27	...	0.19	2.85	3.87	0.72	0.84	2.33	11	7.3	11.91	6.32	3.87	16.69	9.08	Raigunge.		
...	0.33	3.73	4.87	1.01	0.98	5.86	11	10.2	20.32	7.68	5.86	24.69	11.40	Dinagore.		
...	0.39	0.14	0.23	1.26	3.92	4.27	0.05	1.59	9	8.0	12.32	5.97	4.27	15.07	7.83	Baloorghat.		
...	0.12	0.19	0.09	2.67	0.78	0.85	10	10.6	13.16	8.82	4.25	21.60	13.71	Bhawanigunge	Rangpore.	
...	(Gyabanda).		
...	0.05	0.09	8.05	1.54	0.54	1.16	14	12.9	16.02	10.64	8.05	23.62	16.56	Rangpore.		
...	0.15	0.40	2.13	1.07	3.21	11	16.4	13.61	13.79	3.38	23.96	21.35	Kurigram.			
...	1.27	6.70	0.45	1.51	8.65	12	11.5	23.27	12.03	8.65	25.56	17.22	Badogra.			
...	(Nilphamari)		
...	0.49	...	1.21	0.81	0.62	3.40	9	?	10.55	?	3.40	21.25	?	Ulipore.		
...			
...	1.10	6.45	1.80	0.95	2.45	15	14.1	22.70	11.82	6.45	30.72	18.14	Julpigore.	Julpigore.		
...	0.67	1.61	1.81	1.32	1.34	19	?	24.87	?	2.84	36.70	?	Alipore Doar.			
...	0.99	3.72	0.52	0.44	1.59	19	?	15.74	?	3.72	13.69	?	Falacotta.			
...	0.07	2.23	3.62	0.38	0.82	4.25	13	?	20.24	?	5.62	26.99	?	Dasiganj.		
...	0.51	0.87	0.73	0.75	5.55	18	17.8	19.97	14.84	5.55	30.83	21.83	Dinhatra	Cooch Behar.		
...	0.95	1.22	0.95	0.96	2.80	18	16.9	17.64	14.76	2.80	28.30	22.61	Cooch Behar.			
...	0.93	1.08	3.95	0.88	1.93	3.11	15	14.3	19.50	13.34	3.95	23.93	26.01	Mickligunge.		
...	0.24	1.52	0.83	0.80	2.69	17	18.0	14.54	13.60	2.69	27.24	20.89	Matabanaga.			
...	1.94	0.92	3.78	1.32	0.34	3.12	18	18.4	28.80	21.40	7.12	45.46	35.04	Buxa	Darjeeling Hill.	
...	0.35	1.75	5.65	2.00	0.62	2.70	16	14.0	20.93	9.84	5.65	28.11	14.08	Siliguri.		
...	1.31	9.17	3.90	0.87	0.05	1.80	20	18.0	19.64	7.70	9.17	28.92	15.83	Darjeeling.		
...	1.40	2.23	2.50	0.40	0.06	1.40	13	15.5	9.82	6.70	2.50	20.86	13.18	Kalimpoung.		
...			
...	2.05	5.82	0.75	0.52	7.83	12	8.3	20.35	6.32	7.83	24.68	9.38	Kissengunge...	Purneah	NORTH BEN	
...	5.07	1.74	0.60	0.70	7.69	8	6.4	16.21	5.92	7.69	24.63	8.06	Arraich.		AL.	
...	0.07	8.68	1.47	0.90	3.28	8.48	9	7.9	22.71	4.43	8.68	27.30	7.14	Purneah.		
...	4.22	4.11	1.05	0.25	4.33	5	...	...	...	...	...	...	...	Gandwara.		
...	3.23	3.40	0.95	0.21	6.80	8	...	...	...	...	...	...	...	Balaranapore.		
...	4.50	1.31	0.55	1.00	2.55	6	?	15.62	?	6.30	...	...	...	Mutari.		
...	2.31	8.51	1.00	...	4.35	5	...	...	...	...	...	...	...	Kaliajanj.		
...	2.45	0.77	0.59	7.35	0.48	9	6.3	12.28	4.06	7.35	16.16	6.35	Maddapore	North Bhagui-		
...	1.37	0.72	0.29	4.50	1.53	7	5.0	9.16	3.89	4.50	14.81	6.95	Sopool.	pore.		
...	1.10	2.51	0.73	1.32	3.35	8	?	9.93	?	3.35	22.33	?	Protahganj.			
...			
...	2.20	2.80	1.59	1.38	0.10	8	3.4									

Table of Rainfall recorded at Station

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SOUTH BHAR.	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dohree ...	0'02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhuboah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasseram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	0'02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gya ...	Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Aurungabad... 0'13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowadah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jehanabad ... 0'01	0'01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arical ...	0'34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ... 0'30	0'30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherrghati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	0'40	...	...	0'50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Bara-wan. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	0'14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrh ...	...	...	...	...	...	...	...	0'05	...	...	...	...	...	...	...	...	...	...	...
		Bickrun ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Begoosera ...	...	...	...	...	...	...	...	0'17	...	...	...	...	1'05	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	1'31	...	...	...	...	...	...	...	...	...	...	...
		Jamui ...	0'51	...	0'42	...	...	...	...	...	...	...	...	...	0'35	...	...	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	0'75	...	...	...	...	...	...	...	...	...	...	...
	South Bhagulpore.	Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagulpore ...	...	...	...	...	...	...	...	...	1'10	0'12	...	...	...	...	...	...	...	...	...
		Banka ...	0'40	...	...	...	...	...	...	...	0'35	...	...	...	0'05	...	...	...	...	...	...
	Sonthal Pergunnahs.	Kolgong ...	...	...	...	...	...	...	...	...	1'43	...	...	...	...	...	...	...	...	...	...
		Rajmehal ...	...	...	...	...	...	...	...	...	0'27	0'76	...	...	...	...	...	...	...	...	...
CHUTIA NAG-PUR.	Hazaribagh ...	Godda ...	...	0'25	...	0'07	...	...	...	...	0'16	...	...	...	...	...	...	...	...	...	...
		Pakour ...	...	0'12	...	0'13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nyn Dookma ...	...	0'08	...	0'42	...	...	...	...	0'20	...	...	...	0'57	...	...	...	...	...	...
		Deoghur ...	0'48	0'32	...	0'58	...	...	...	...	0'22	...	...	...	0'58	...	...	...	...	...	...
		Jamtara ...	...	...	...	1'00	...	...	...	...	...	...	...	...	0'24	...	...	...	...	...	...
		Simra ...	0'15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nanihat ...	...	0'10	...	0'10	...	...	...	...	1'15	...	...	...	...	...	...	...	...	...	...
		Pachamba (Giridi). ...	...	0'15	...	0'42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazaribagh ...	...	0'10	0'47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sontagurah ...	...	0'20	0'15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lohardugga...	Mahudi Hills ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jhoomrah Hills ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chatra ...	0'45	0'41	0'25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karagdeha ...	...	...	...	...	...	...	...	...	0'84	...	...	...	...	...	...	...	...	...	...
Singbhoom ...	Ramghar ...	...	0'14	0'11	...	...	...	...	...	...	...	...	0'21	...	...	...	...	...	...	...
	Lohardugga ...	0'02	...	0'03	0'03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ranchi ...	...	...	0'52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Palamow ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Silli ...	...	...	0'10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manbhoom ...	Balumati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hoseinabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gariah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chyebassa ...	...	...	1'50	0'30	...	...	...	...	0'07	...	0'13	0'05	...	...	...	...	...	...	...
	Chakradhar-pore. ...	...	...	0'60	...	...	...	...	...	...	...	...	0'45	...	...	...	...	...	...	...

Bengal for the month of May 1887—concluded.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1887 up to 31st May 1887.	Average rainfall from 1st January up to 31st May 1887.	Station.	District.	Meteorological division.
						3.73	1.73	0.04	0.24	...	4	2.8	5.74	1.52	3.73	8.66	3.08	Buxar	Shahabad	SOUTH BEHAR.
						3.95	1.80	0.04	...	...	4	2.8	5.41	1.52	3.73	8.34	3.06	Behree.		
						0.14	2.99	...	...	...	3	3.0	3.13	1.16	2.99	5.27	3.06	Bhuboosh.		
						4.10	0.69	0.05	...	...	3	3.0	4.15	1.17	4.10	7.77	2.64	Sasseram.		
						5.30	2.80	1.40	0.90	...	5	3.4	10.42	1.56	5.30	13.15	3.99	Arrah.		
																		Mohaniah.		
						0.30	4.93	2.97	0.14	...	5	2.8	8.87	1.68	4.93	11.29	3.30	Aarungabad...	Gya	
						0.44	1.76	1.81	0.24	...	4	3.9	4.25	1.29	1.81	6.26	3.26	Gya.		
						0.09	0.83	1.44	0.39	0.07	5	3.1	2.82	2.02	1.44	6.49	3.97	Nowadah.		
						0.02	3.15	0.70	0.34	1.40	7	2.7	5.72	1.74	3.15	9.02	3.38	Jehanabad.		
							4.69	1.23	0.58	0.70	6	4.0	7.50	2.50	4.69	10.22	3.38	Arwal.		
							3.40	2.59	...	...	3	3.0	6.90	2.30	3.40	7.60	3.38	Daudnagar.		
						0.50	1.98	3.00	0.10	...	4	3.0	5.58	1.75	3.00	8.73	3.38	Sherrphati.		
						0.80	0.82	2.00	...	...	5	3.0	4.52	1.50	2.00	8.32	3.38	Rajauli.		
						0.18	0.40	0.60	...	0.50	4	3.0	1.63	0.50	0.60	4.56	3.38	Pakri Bara-wan.		
						0.08	2.38	1.68	4.30	0.88	7	4.2	1.61	1.77	4.30	11.75	3.57	Patna.	Patna.	
							3.07	2.33	2.46	1.08	5	2.6	1.24	1.69	3.07	12.05	3.02	Dinapore.		
							1.50	2.00	0.89	0.78	4	3.9	1.08	2.20	2.00	10.66	3.99	Behar.		
						0.95	3.00	2.60	1.00	0.45	7	3.1	1.15	2.34	3.00	10.00	3.80	Barhi.		
						0.20	3.75	1.25	1.96	8.00	5	3.0	1.10	2.34	3.75	11.70	3.80	Bickrun.		
							1.74	0.83	1.83	0.20	5	3.0	1.62	2.34	1.83	12.53	3.80	Hilsa.		
						1.94	0.83	0.79	2.20	1.54	7	3.5	1.12	2.41	2.20	13.47	4.15	Begoeserai	Monghyr.	
						1.42	0.89	0.51	0.24	0.91	6	4.1	1.28	2.69	0.24	13.95	4.11	Monghyr.		
						0.32	0.45	0.44	1.34	1.72	9	3.8	1.76	2.19	1.72	11.04	4.48	Jamui.		
							2.00	0.93	0.65	7.50	6	3.0	1.10	2.34	2.00	17.90	4.48	Gogri.		
							2.00	...	2.90	...	2	3.0	1.90	2.34	2.00	7.40	4.48	Sheikpura.		
						0.22	1.59	0.82	0.16	2.45	7	5.0	1.80	2.61	2.45	11.92	5.00	Bhagulpore	South Bhagul-pore.	
						0.10	0.70	1.25	...	2.25	9	3.8	1.24	2.68	4.05	12.81	4.71	Banka.		
							2.75	1.29	0.10	4.65	6	3.0	1.72	2.68	4.65	16.75	4.71	Kolgaon.		
						0.15	7.70	1.70	0.32	6.00	8	5.9	1.18	5.03	7.70	24.01	7.14	Rajmehal	Sonthal Per-gunnahs.	
						0.13	2.15	2.83	0.25	2.84	10	6.0	1.87	3.69	7.05	23.03	5.45	Godda.		
						0.29	6.35	1.61	0.81	0.92	12	6.0	2.59	5.13	6.35	16.50	7.19	Nakour.		
						0.72	2.50	2.97	0.04	2.79	12	7.1	1.74	3.74	2.97	16.13	6.76	Nya Doozka.		
						0.68	0.67	0.38	...	1.58	10	5.3	7.10	3.19	2.11	10.73	5.71	Deoghur.		
						0.25	1.04	1.69	...	1.45	6	6.3	7.37	3.45	1.70	12.18	5.81	Jamtara.		
						0.08	1.20	2.50	0.50	3.25	9	3.0	5.05	2.61	6.12	19.41	5.81	Simra.		
							1.10	0.25	...	2.10	7	3.0	4.40	2.61	2.10	8.64	5.81	Nanihat.		
						0.96	0.45	...	1.30	0.30	6	6.3	3.58	2.23	1.30	5.52	4.65	Pachamba	Hazaribagh	CHUTIA NAGPUR.
						0.87	3.31	0.81	...	0.05	7	7.5	5.85	1.76	3.31	8.87	4.10	(Giridi).		
						4.23	1.12	0.18	...	0.23	6	5.0	6.11	2.98	4.23	8.64	5.48	Hazaribagh.		
																		Semtagurah.		
						1.40	4.50	1.70	...	...	3	4.5	7.60	3.68	4.50	9.50	5.09	Mahudi Hills.		
						0.60	2.87	1.69	...	0.20	4	3.0	5.27	2.34	2.87	10.56	5.09	Jhoomrah Hills.		
						0.89	5.56	1.57	0.03	0.28	9	3.0	9.53	3.68	5.56	12.34	5.09	Barhi.		
						0.40	1.69	1.00	...	2.10	6	3.0	6.74	2.34	1.69	2.10	5.09	Chatra.		
						1.59	3.71	...	...	0.24	6	3.0	6.00	2.34	3.71	8.03	5.09	Karagdeha.		
																		Ramghar.		
						2.35	3.45	0.11	0.16	...	7	3.0	6.15	2.34	3.45	9.06	5.09	Lohardugga	Lohardugga.	
						4.57	6.45	...	...	...	3	7.5	11.54	2.35	6.45	13.49	6.14	Ranchi.		
						0.36	3.55	1.61	...	...	3	3.0	5.52	1.41	3.55	9.87	3.61	Palamow.		
						1.20	2.00	...	...	0.70	4	3.0	4.00	2.00	2.00	5.50	3.61	Silli.		
						1.40	2.23	...	...	...	3	3.0	3.84	2.23	2.23	3.84	3.61	Salumat.		
							2.50	2.38	...	...	2	3.0	4.88	2.50	2.50	6.46	3.61	Hoseinabad.		
						1.63	1.50	0.85	0.08	...	4	3.0	4.11	1.63	1.63	8.47	3.61	Garwah.		
						0.95	1.20	0.30	0.80	...	10	8	11.46	3.89	0.95	12.07	7.34	Chyebassa	Singbhoon.	
						3.39	0.42	...	...	...	5	3.0	5.26	3.39	0.42	6.79	7.34	Chakradhar-pore.		
																		Ghatsila.		
						1.67	0.28	0.35	...	...	6	3.0	4.18	1.67	0.28	7.51	7.34	Baharagura.		
						2.50	...	0.91	...	...	7	3.0	4.26	2.50	0.91	8.53	7.34			
						0.67	1.23	0.58	0.56	...	10	8.2	7.22	2.78	2.32	9.47	5.84	Purulia	Manbhoem.	
						0.72	0.80	0.81	...	1.04	10	8.5	4.54	2.04	1.94	7.63	2.57	Gobindpore.		
						1.25	1.75	2.75	0.15	...	7	3.0	7.80	2.75	1.75	10.01	5.84	Raghunath-pore.		
																		Barrabhoem.		
						0.93	6.53	...	...	1.07	6	3.0	3.54	0.93	1.07	7.35	5.84	Jhaida.		
						2.00	...	...	...	...	3	3.0	5.74	2.00	2.34	6.33	5.84	Chas.		
						1.10	1.40	...	...	...	4	3.0	3.78	1.10	1.40	7.10	5.84			

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-
TIONS TAKEN IN ASSAM, DURING THE MONTH OF MAY 1887.**

It should perhaps be remarked that this is the first monthly report in which are included the meteorological observations taken daily at the three most important stations in Assam; it is therefore possible now to deal with the meteorology of Bengal and Assam as a whole, and this will be the case throughout the south-west monsoon season. No additional stations in Assam, however, report rainfall to Calcutta, as is the case with the Bengal stations, and therefore it is only possible to deal with the general meteorology of Assam, and the distribution of rainfall over this area cannot in any way be discussed.

The normal meteorological conditions in Bengal during May are to a considerable extent similar to those of April. There is the steady and increasing difference of temperature between the land and the sea area, and in this month this difference attains almost its maximum. The area of maximum temperature during May includes the western districts of South Behar, the North-West Provinces, Rajputana and Central India. With the increasing temperature of the land surface, the southerly winds blowing from the Bay of Bengal strengthen considerably, and owing to the physical obstacles of the hill systems to the east and north of Bengal, they appear as south-easterly winds in East Bengal, and as easterly winds in North Bengal. At the same time, however, the usual hot, dry westerly winds are blowing over considerable portions of Behar and Chutia Nagpur, and thus during May, as explained in previous monthly reports, conditions are favourable to the production of the local storms called nor'-westers. These, it is probable, are produced by the action of the opposing winds in elevating the moist sea breezes, and by this ascensional motion their water vapour is condensed, and sufficient energy is at the same time liberated to produce the well-known effects of these storms.

The southerly breezes which blow during this month at the head of the Bay are of considerable strength, and in fact at Saugor Island and False Point the wind velocities measured in May are generally greater than those during the actual rainy season, but there is reason to believe that during May the current is of comparatively small depth compared to what it is during the actual monsoon period. These winds, however, carry considerable amounts of moisture into East and North Bengal, and in the neighbourhood of the hills ascensional movement takes place, followed frequently by local storms and by heavy rainfall. This action will account for the large rainfall which occurs during this month in the northern and eastern districts of the province.

During May the distribution of the normal rainfall is simple, and the lines of equal rainfall run nearly north and south through the province, or rather almost parallel to a line joining the Chittagong Hill Tracts, the Tipperah Hills, the Garo Hills, and the Darjeeling Hills, the largest amounts being received in the eastern and northern districts, and smallest amounts in the western districts. Thus the average rainfall of the month is less than 2 inches in the southern parts of the Sarun and Mozufferpore districts, the Gya and Shahabad districts, and the western parts of Chutia Nagpur. To the east of these districts, up to a line running nearly north from the mouth of the Hooghly, the rainfall increases from 2 up to 5 inches. To the east of this, up to a line passing through Rungpore, Jamalpore, Mymensing, Bramunberia, Comilla, and Cox's Bazar, the average rainfall increases eastwards from 5 to 10 inches. To the east of that line it exceeds 10 inches, and increases rapidly in amount towards the Garo and Khasia Hills and towards the Dooars, and at Buxa in the Western Dooars, the average rainfall in May is no less than 21.58 inches.

The meteorology of May is generally rather important, for about the second or third week, the south-west monsoon makes its appearance in the south of the Bay, and gives heavy rain and fairly strong winds at the South Ceylon stations. The monsoon current gradually creeps up the east of the Bay, and then sets in along the Arakan coast towards the close of the month, and it afterwards spreads into East and North Bengal early in June.

In the front of the advancing monsoon current frequently cyclonic storms arise, which are sometimes small and feeble, and at other times larger and of considerable intensity. When these cyclonic storms are formed quite in the south of the Bay, they usually advance towards the Madras coast; but when the storms originate rather later, that is, when the monsoon current has advanced well into the centre of the Bay, the storms which then form appear usually to advance either towards the Arakan coast, or towards the South Bengal coast.

Meteorology of the month.—The principal features of interest in the meteorology of the past month have been—

- (1) a mean barometric pressure very decidedly below the normal;
- (2) temperature also distinctly above the normal or the average of the month;
- (3) rainfall very largely above the normal in all districts except East Bengal;
- (4) a period of disturbed conditions during which local storms, or nor'-westers were numerous from the beginning of the month to the 4th, another period from about the 9th to the 14th, then a period of comparative abeyance of rainfall, during which an advance of south-west monsoon winds took place in the south of the Bay, and which carried the monsoon current to

about the Andaman Islands, where a small but very fierce cyclone was subsequently formed, and which, after intensifying, travelled slowly in a north-westerly direction and crossed the coast close to and on the east side of Balasore on the morning of the 26th, passing through Chutia Nagpur into South Behar when it dispersed;

- (5) the inrush of monsoon winds following after the storm which spread over Bengal, and which gave heavy and general rainfall over the whole province.

At the close of April weather conditions over Central and South-West Bengal were a little disturbed, and in consequence local storms were rather numerous over the province. These conditions continued to hold good for the first four days of May, and nor'-westers were numerous during this period in South-West Bengal, East Bengal, North Bengal, and Chutia Nagpur, but the majority of the storms were not of a very violent character, and the rainfall accompanying them was in most cases light. A rapid rise in pressure took place on the 4th and 5th, when conditions became more normal and rainfall almost ceased; but on the 8th of May the changes of pressure which took place produced a distinct barometric depression over the western parts of the province, producing also a tendency for the winds to circulate round the depression. These unsettled conditions were immediately followed by rainfall, and local storms again became numerous in various parts of the province between the 9th and the 13th, the rainfall being generally heaviest in East Bengal. With the occurrence of these disturbed conditions, the pressure over the province became largely below the normal, but when these disturbed conditions disappeared, the tendency of the changes which took place in the third week was to bring back to a great extent the ordinary hot weather conditions to the province, and this period was marked by increasing pressure and temperature, a decrease in humidity, particularly at the western stations, and usually by absence of rain, except in Assam, which received rather heavy rain at this time.

Though the period from the 13th to the 20th May had, from a meteorological point of view, been a quiet and normal one in Bengal, certain changes had been taking place in the Bay of Bengal. Stormy winds were blowing in the south of the Bay at the close of the previous week, but they shortly died away and became almost normal in force. On the 18th instant, however, winds began to increase in force again at the southern stations, and winds became north-easterly at Diamond Island and easterly at Akyab. On the 19th winds again strengthened in Ceylon, pressure fell at Diamond Island, where wind became south-east, and wind at Akyab became north-east. These conditions developed still further on the 20th; and on this day it became clear that a cyclonic storm was forming to the west and north-west of the Andaman Islands, and the formation of the storm was being accompanied by a large increase in the wind velocity at Diamond Island. Conditions therefore at this period had become decidedly disturbed in the Bay; and in the centre and south-east of it probably at this time weather was decidedly stormy. This cyclonic storm has naturally formed the principal feature of the remainder of the month, and the following description of its history is taken from the weekly meteorological reports issued from this office:—

The meteorology of the period from 20th May to the end of the month in Bengal has practically consisted in the history of the development and movement of this storm, which finally struck the coast near Balasore, and between that place and Saugor Island on the morning of Thursday, the 26th. During the period of formation and advance of the storm, the hot weather conditions in Bengal, which had existed for the previous week, became somewhat intensified; the winds fell off in strength and became a little variable in direction; humidity and temperature were very high, and weather generally very oppressive; but with the advance of the storm over the land, a total change of conditions took place. A strong burst of monsoon winds following the storm passed over the province, much rain was recorded, temperature fell largely, humidity became very high, and ordinary rainy season conditions obtained over a large part of the province.

As stated previously, the storm appeared to be forming on the 20th in the centre of the Bay to the west or north-west of the Andaman Islands. On the 21st the land observations appeared to show that it had somewhat intensified, and that it had moved very slowly in a northerly direction, though it was still to the south-west or west-south-west of Diamond Island. At this time it was on the east side of the centre of the Bay, and practically the only observations which showed its existence were those at Diamond Island, and even these did not indicate that it was a very severe storm. On the 22nd the pressure rose at Diamond Island, indicating that the storm was moving away from that station, and, so far as the land observations round the Bay showed, the storm had moved very slowly in a north-westerly or west-north-westerly direction. On the 23rd the position of the storm did not appear to have altered much, so far as the observations at the coast stations indicated; but it is probable that the storm was still slowly travelling in a north-westerly direction, for on the following day the pressures and wind directions recorded at the coast stations round the Bay indicated that the centre of the storm was about in the latitude of Vizagapatam and probably to the west of the centre of the Bay. In the Bay of Bengal daily chart for that day, the position of the storm was, as has been proved from subsequent observations, marked too far to the west of the Bay, and too near the coast of the Circars; but at that time all the indications at the coast stations pointed to the probability that the storm would cross the Ganjam coast south of Gopalpur or north of Vizagapatam. Observations received during

the afternoon and night of the 24th showed that the storm was still travelling northwards, and the 6 A.M. observations showed that the storm area was approaching the latitude of False Point and was gradually nearing the land. On receipt of these observations at 8-30 A.M. on the 25th, orders were given to hoist warning signals in the Hooghly, indicating that a cyclonic storm would pass between False Point and Saugor Island. The centre of the storm finally reached the coast close to Balasore at about 4 or 4-30 A.M. of the 26th, and it continued to travel in a north-north-westerly direction, and at 10 A.M. was west-south-west of Midnapore. It must have then passed to the east of Ranchee, through Chutia Nagpur, and at 10 A.M. of the 27th the centre of the storm was between Gya and Hazaribagh, and was very rapidly filling up and disappearing. In the interval from 10 A.M. of the 26th to the 27th the storm had travelled about 160 to 180 miles in a north-north-westerly or north by westerly direction, or probably at the rate of about 7 miles an hour. The storm therefore appears for the first few days to have moved very slowly in a north-westerly direction; it then advanced more rapidly, and the direction of its movement became more northerly, and over the land it advanced in a north-north-westerly direction.

The cyclone proved to be much more intense than was judged to be the case from the land observations, and near the centre of the storm, weather was excessively stormy, winds were exceedingly fierce, the sea was extremely high, and pressure fell very low. With regard to the force of the wind, a velocity of 69 miles an hour was registered at False Point on the evening of the 25th for the period 5-40 to 7-40 P.M. At Saugor Island a velocity of 67 miles an hour from 6 to 7 A.M. and from 8 to 9 A.M. of the 26th was registered. It must be remembered, too, that these figures represent only the average velocity of the wind for the times named, and that they do not in any way represent the force of the gusts which must have been much larger than those indicated. It is therefore not surprising that the anemometers at Saugor Island and Balasore were carried away by the wind, while at the river stations the fierceness of the wind was so great that the storm signal arrangements were at each station damaged, and could not be displayed for a portion of the time. The river signals remained hoisted practically for 48 hours until the morning of the 27th. The lowest pressure at any land station recorded was at Balasore at 4-30 A.M. on the 26th, where a pressure of about 28.42 inches (corrected to 32° and sea level) was registered. The lowest pressure registered at Saugor Island was only 29.180" at 4-5 A.M. of the 26th, so the storm centre must have been much closer to Balasore than to Saugor Island.

On Saturday, the 28th, a very rapid increase of pressure took place over the whole province, the rise being most rapid in South Behar and Chutia Nagpur. These changes accompanied the rapid filling up of the cyclonic storm, and on this day the storm had practically ceased to exist as anything more than a pronounced barometric depression. The centre of this depression was to the east of Gya, and therefore the storm, or what remained of it, had remained practically stationary since the 27th, or perhaps had only advanced very slightly in a northerly direction. Winds, however, continued to circulate cyclonically round this centre, and both over the area occupied by the depression, and to the south of it, strong winds were blowing. The storm was thus clearly and rapidly breaking up, and with its disintegration excessively heavy rainfall was reported over Behar and North Bengal. On the 29th pressure again increased, the rise being largest in South Behar, where at some stations the increase exceeded a tenth of an inch, and on this day even the slight barometric depression, which was all that had remained of the previous violent cyclone, practically filled up and disappeared. The life history of this cyclone may therefore be said to have lasted from the 19th or 20th of May up till the 29th, a period of 9 or 10 days only, of which the first two or three days, up till about the 22nd or 23rd, were occupied in its development and intensification, the next two or three days in its advance over the sea, till on the morning of the 26th the centre of the storm crossed the coast a little to the east of Balasore, while the remaining three days were occupied in its advance over the land and its rapid diminution in intensity until it finally died away in South Behar on the 28th and 29th. Though generated decidedly rapidly, it was of very much greater fierceness than is usual in storms formed at the commencement of the south-west monsoon; but on the other hand it was comparatively small, and the destructive part of the cyclone, or where the winds were very intense, does not appear to have been more than perhaps 100 to 150 miles across.

The rainfall brought up by this storm, particularly near the central line of its advance, was exceedingly heavy, though perhaps it was almost equalled by that produced by the storm when it commenced to disintegrate in Behar and North Bengal. Near the central line of advance the following stations reported rainfalls of more than five inches within 24 hours:—False Point, Jajpore, Dhurmsala, Chandbali, Bhuddruck, Burdwan, Arrarcab, Purneah, Arrah, Rajmehar, Pakour, Chatra, and Chyebassa.

Though the cyclonic storm thus ceased to exist on the 29th, the rainfall which was brought up by the storm, and that due to the powerful inrush of monsoon winds in the wake of the storm, continued for several days longer: in most districts the fall practically did not cease even up till the close of the month. The storm may in fact be said to have commenced the rainy season in Bengal, for the southerly monsoon winds having once penetrated over the province, they will probably not again retreat, though of course a diminution in the strength of the current must be expected before a further inrush of monsoon winds accompanied by heavy rainfall will take place. The rainfall which was brought about by the storm in its disappearance, and the rainfall subsequent to it, has been of extraordinary heaviness, and

some stations reported nearly 20 inches of rain within 24 hours. These heavy rainfalls will again be referred to under their appropriate headings.

Pressure.—The variations of pressure during the month have been large, particularly during the time when the cyclone was forming, and afterwards while it was passing through the western districts. For the first week of the month, though the fluctuations were rather large, the mean pressure for the period was not very far removed from the normal, and the general average pressure of the province may be said to have been about 0.005" below the normal. During the second week pressure fell almost steadily, and at its close it was largely below the normal, and the average defect for the whole of Bengal and Assam was equal to about 0.07". In the third week pressure rose slowly at first, and then fell with the formation of the cyclone, so that for the week the mean pressure was below the normal by considerable amounts, averaging about 0.08". During the last part of the month the cyclone had formed, and in its advance pressure fell rapidly and rose again as the storm passed away. As previously stated, the very low pressure of 28.42" (corrected) was recorded at Balasore, which was near the central track, and on board one of the pilot brigs, which appears to have passed through the centre of the storm, a pressure of 28.2" (uncorrected) was recorded. The changes of pressure during the passage of the storm were very rapid, and thus at Midnapore, which was some distance from the centre, from the morning of the 26th to the 27th there was a rise of nearly half an inch. For the whole month pressure has been distinctly below the normal at all stations, and in Bengal, taking into account only those stations from which records are available for a number of years, the mean average pressure for the month has been in defect of the normal by 0.052". The largest defects have occurred in Orissa, where at Gopalpore and False Point they are 0.08", and the smallest in East Bengal, where they are 0.039" at Chittagong and 0.023" at Dacca. In Assam the average pressure has been in defect of the normal by an almost similar amount to that in Bengal, and the defect is 0.051", and this defect is evenly distributed over the whole area.

Temperature.—Variations have also been large throughout the month, and have depended to a great extent on the distribution of the rainfall. Thus during the first few days of the month it was comparatively low, but with the cessation of the rainfall due to the local storms it rose rapidly. The average temperature of the whole province was therefore nearly normal, but in Assam there was a distinct excess. Owing to the absence of rain in the second week temperature rose very rapidly and became largely above the normal in almost all districts, the mean excess for the seven days in such districts as North Bengal and Assam being between 5° and 6°. In the third week of the month rainfall was very plentiful in Assam, and temperature in that district fell and became normal, but in other districts, where rainfall was to a great extent absent, temperatures continued largely above the normal, Chutia Nagpur showing an average excess of 7.1°, North Behar of 5.9°, and South Behar of 5.5°, &c. In the last week, as stated before, conditions underwent a complete change with the advance of the cyclone over the western districts, and with the setting in of rainfall temperature fell most rapidly; as it had previously been largely above the normal, the mean temperature for the last week of the month showed an almost normal temperature, except in Assam, where it was 2.4° in excess. For the whole month the variations from the normal have been comparatively small. East Bengal, North Bengal and North Behar show an excess of from 1° to 2°; in South Behar and Chutia Nagpur the excess is very slight, being less than 1°; and in South-West Bengal and Orissa temperature has been one and two-tenths of a degree in defect. The largest variation from the normal has been in Assam, where the mean temperature has been 2.3° in excess.

The hottest period of the month was the third week, during which some extremely high maximum temperatures were recorded, and the following are the highest maximum temperatures in each division of the province during the period:—

DIVISION.	Date.	Station.	Temperature.
	1887.		
Orissa	16th May	Cuttack	113.9°
South-West Bengal	19th "	Raneegunge	110.0°
East Bengal	19th "	Burrisal	94.3°
North Bengal	19th "	Rampore Beaulah	105.4°
North Behar	18th "	Chupra	109.0°
South Behar	19th "	Gya	110.1°
Chutia Nagpur	16th "	Hazaribagh	106.5°
Assam	19th "	Silchar	93.5°

Rainfall.—The times and causes, and to a certain extent the distribution, of the rain falling over the province have already been referred to under the meteorological summary; it therefore only remains to deal with the amounts which have been received.

In dealing with the rainfall of Assam, it must be remembered that the figures in the tables only represent the rain recorded at the three representative stations—Sibsagar, Dhubri and Silchar. So far as can be judged from these stations, the distribution of rainfall

in Assam in May has been as follows:—In the first week light rain (about an inch) fell in all districts, the rainfall being heaviest (1·80 inches) at Silchar. In the second week Silchar received the smallest fall (0·70 inch), moderate rain (1·86 inches) fell in Dhubri and heavy rain (3·41 inches) at Sibsagar. In the third week moderate rain (from two to two and a half inches) fell at Sibsagar and Silchar, and very heavy rain (7·55 inches) at Dhubri. In the week ending the 27th, Dhubri received little or no rain, Silchar 1·48 inches, and Sibsagar 4·01 inches. Light rain continued to be general till the close of the week, and it was only quite at the end of May and beginning of June that Assam began to feel the effect of the inrush of monsoon winds following after the cyclone. For the whole of May the following are the total amounts of rain recorded at the Assam stations:—Dhubri 14·29 inches, Sibsagar 13·52 inches, Silchar 6·45 inches.

In Bengal the greater part of the rain was brought up by the cyclone and its attendant rush of monsoon winds, and thus the last six days of the month have been those of most general and heaviest rainfall. As has been previously stated, some extraordinarily heavy falls of rain accompanied the breaking up of the storm, and on 1st June the excessive fall of 19·67 inches was reported at Dewangunge in the Mymensingh district. Chandbali also, on the 25th, reported the very large fall of 11·50 inches, while a very large number of stations indeed have received falls of between 5 and 10 inches in a single day. The normal distribution of rainfall in Bengal in May has already been described, but in the present month this distribution has been disturbed by the passage of the cyclone. There are thus two areas of heavy rainfall—the first, which is present in normal years along the line of hills in the north and north-east of the province, while in addition the track taken by the cyclone is clearly marked by the production of another area of excessive precipitation. This starts from the coast of Orissa from about Balasore to Chandbali and False Point, and runs in a north-westerly direction a considerable distance into Chutia Nagpur. Over this area the rainfall varies from about 10 to 15 inches, and on either side of this area of heavy rainfall the amounts diminish to the east and west, until, on the eastern side, the amounts again increase in connection with the normal distribution of rainfall during May, which is produced by the lines of mountains to the north and north-east of Bengal. Over considerable parts of the area, in and near the hills in North Bengal the rainfall has varied from 15 up to nearly 30 inches of rain during the month.

Compared with the normal fall for May, by far the greater part of the province shows a large excess. To the east of a line drawn from about the mouth of the Hooghly to the west of the Garo Hills to Kurigram in North Bengal, rainfall has been in defect of the normal. The area of defect, therefore, includes practically the whole of East Bengal, the south-eastern districts of South-West Bengal, and few stations in North Bengal. The defect increases towards the eastern districts, and at such stations as Netrokona, Kishoregunge, Naraingunge and Comilla it exceeds 5 inches. The greater part of the remainder of the province has received an excess fall, the excess ranging up to 5 inches. A band of still larger excess varying from 5 up to 10 inches runs from parts of the Balasore and Cuttack districts through Chutia Nagpur to Aurangabad in the Gya district, that is very nearly the track of the centre of the cyclone. The greater part of Central Bengal, South Behar, the eastern part of North Behar, and North Bengal have also received an excess fall, ranging from 5 to 10 inches, while the Purneah and Dinagapore districts and part of the Rungpore, Sonthal Pergunnahs, Jalpigoree and Darjeeling districts have received excess falls of more than 10 inches.

North Bengal has received the largest fall, and the stations in this district have received an average amount of 13·31 inches against the normal average of 8·41 inches. This district has therefore received a fall equal to 158 per cent. of the normal. The next largest fall has been received in South Behar, which averages 8·58 inches against a normal of 2·03 inches, the actual fall is therefore 423 per cent. of the normal. South-West Bengal has averaged 7·32 inches against a normal of 5·27 inches, or the actual fall represents 139 per cent. of the normal. Orissa has received 7·10 inches against 3·68 inches, and the fall is therefore 193 per cent. of the usual amount. Chutia Nagpore has received 7·05 inches, against the normal 2·43 inches, the percentage of the normal is therefore 306. East Bengal has received 6·75 inches, but as the normal fall is 9·52 inches, this district has been in defect, and the actual only represents 81 per cent. of the normal; and finally North Behar has received the smallest fall and records 5·06 inches against the normal 2·86 inches, and the actual has therefore been 176 per cent. of the normal. Assuming that these districts have an equal value in the calculation, the general fall of rain in Bengal during the month of May may be said to be equal to 211 per cent. of the normal fall for the period.

The following table gives full data for the comparison of the actual and the normal rainfall of the month of May in all districts of the province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance or weight being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the weekly and monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 15 years. The second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district. The third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage. The fourth column gives the same information as the third column in a slightly different form. It states as a percentage

how much the district rainfall of the month varied in excess or defect from the normal rainfall, and is hence the difference between the numbers in the third column and 100 :—

DIVISION.	DISTRICT.	Normal district rainfall, May 1887.	Actual district rainfall, May 1887.	Percentage of actual to normal rainfall.	Percentage excess (+) or deficit (—)
Orissa	Pooree ...	2.79	2.60	93	— 7
	Cuttack ...	3.81	7.53	198	+ 98
	Balasore ...	4.90	10.51	214	+114
South-West Bengal	Midnapore ...	5.14	5.94	116	+ 16
	24-Pergunnahs ...	5.78	5.14	89	— 11
	Howrah ...	5.79	5.38	93	— 7
	Hooghly ...	5.34	5.45	102	+ 2
	Burdwan ...	5.11	10.10	198	+ 98
	Bankoora ...	3.88	4.61	119	+ 19
	Beerbhoom ...	3.31	8.61	260	+160
	Nuddea ...	6.57	9.73	148	+ 48
	Khoolna ...	6.61	7.90	120	+ 20
	Jessore ...	7.08	5.36	76	— 24
East Bengal	Moorshedabad ...	4.81	10.62	221	+121
	Chittagong ...	9.51	8.20	86	— 14
	Backergunge ...	7.74	8.08	104	+ 4
	Noakholly ...	9.78	8.59	88	— 12
	Furreedpore ...	8.66	5.19	60	— 40
	Dacca ...	8.98	5.66	63	— 37
	Comilla ...	10.39	6.06	58	— 42
North Bengal	Mymensingh ...	9.72	6.47	67	— 33
	Pubna ...	7.27	5.24	72	— 28
	Bogra ...	6.20	8.02	129	+ 29
	Rajshahye ...	4.39	10.27	234	+134
	Maldah ...	6.44	15.28	237	+137
	Dinapore ...	11.37	16.07	141	+ 41
	Rungpore ...	14.26	17.45	122	+ 22
	Cooch Behar ...	11.82	22.79	193	+ 93
North Behar	Julpigori ...	7.88	15.54	198	+ 98
	Purneah ...	5.46	20.47	375	+275
	North Bhagulpore ...	3.96	10.53	266	+166
	Derbhunga ...	2.68	6.61	246	+146
	Mozufferpore ...	2.43	6.44	265	+165
	Chumpan ...	2.57	2.50	97	— 3
South Behar	Sarun ...	1.95	4.98	256	+156
	Shahabad ...	1.31	5.71	434	+334
	Gya ...	1.63	5.13	315	+215
	Patna ...	2.07	7.27	352	+252
	Monghyr ...	2.19	8.64	395	+295
	South Bhagulpore ...	2.65	8.62	326	+226
Chutia Nagpur	Sonthal Pergunnahs ...	3.92	12.86	328	+228
	Hazaribagh ...	5.35	6.19	410	+310
	Lohardugga ...	3.89	11.46	295	+195
	Singbhoom ...	2.63	6.68	254	+154

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of May 1887 :—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 15th May 1857.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa.	113.9	69.9	92.5	79.8	86.1	—0.2	7.10	3.68	+3.42	5.3	7.2	—1.9	5.68	1.9
South-West Bengal.	110.0	64.5	95.3	77.7	86.6	—0.1	7.32	5.27	+2.05	9.9	9.0	+0.9	4.66	2.66
East Bengal.	98.3	65.1	90.1	76.6	83.3	+1.7	6.75	9.52	—2.77	9.0	13.2	—4.2	1.78	4.24
North Bengal.	105.4	65.7	92.9	74.5	83.7	+1.6	13.31	8.41	+4.90	11.6	11.2	+0.4	11.23	5.10
North Behar.	109.5	64.7	96.7	77.0	80.9	+1.4	5.06	2.86	+2.20	7.1	4.9	+2.2	8.16	1.42
South Behar.	110.6	67.0	98.6	78.7	88.7	+0.2	8.58	2.03	+6.55	6.7	4.0	+2.7	7.98	1.20
Chutia Nagpur.	106.5	63.7	97.4	74.7	84.1	+0.6	7.05	2.43	+4.62	6.4	6.0	+0.4	5.69	1.50
Assam.	102.1	65.4	80.1	74.1	81.6	+2.3								

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL ;

ALEXANDER PEDLER,

The 10th May 1887.

Offg. Meteorological Reporter to the Govt. of Bengal.

for the week ending Friday, the 10th June 1887.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
No.	Rainfall at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.												
				Of week.		Since 1st of month.			Since 15th May 1887.			Average number of rainy days.	Normal number of rainy days.			
				Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
72	3.9	0.04	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	...	ORISSA.
76	6.1	Nil	1.16	1.53	3.08	1.8	False Point	...	Pooree	...	...	...	...	...	...
82	5.0	0.40	0.93	1.66	3.62	1.9	Cuttack	...	Cuttack	...	...	...	...	...	...
88	2.6	Nil	1.32	1.98	4.11	2.2	Balasore	...	Balasore	...	...	...	...	...	...
78	7.6	Nil	1.86	2.58	4.78	2.7	Saugor Island	...	South-West Midnapore	SOUTH-WEST BENGAL.
62	1.3	0.13	1.52	1.98	1.55	2.56	-1.01	5.44	4.52	+0.92	2.7	2.2	Midnapore	...	Midnapore	
75	5.0	0.70	0.74	2.11	0.74	3.05	-2.31	3.44	5.67	-2.23	2.2	2.8	Calcutta	...	Howrah	
65	3.6	0.17	0.35	2.03	1.65	2.74	-1.09	10.04	5.01	+5.03	1.7	2.8	Burdwan	...	Burdwan	
69	0.9	0.72	0.95	1.75	0.95	2.77	-1.82	4.44	4.60	-0.16	2.5	2.3	Bankoora	...	Bankoora	SOUTH-WEST BENGAL.
71	1.4	1.29	0.64	1.57	1.17	2.08	-0.91	7.94	3.74	+4.20	2.5	2.4	Raneegunge	...	Beerbhoom	
83	9.4	0.38	0.47	1.40	2.63	2.24	+0.39	11.49	4.91	+6.58	1.7	2.3	Berhampore	...	Moorsheadabad	
75	5.7	0.97	0.74	2.28	1.78	3.27	-1.49	8.42	6.62	+1.80	2.2	2.8	Krishnagur	...	Nuddea	
78	7.1	1.27	1.19	2.81	2.10	3.75	-1.65	3.88	7.14	-3.26	1.5	2.2	Jessore	...	Jessore	SOUTH-WEST BENGAL.
76	7.6	2.59	5.64	8.12	13.60	4.8	Chittagong	...	Chittagong	...	...	...	...	...	...
80	6.4	2.58	1.77	4.43	2.14	6.08	-3.94	3.80	10.11	-6.31	3.8	4.3	Demagiri	...	Chittagong Hill Tracts	
71	2.4	1.83	5.77	8.63	13.64	4.3	Barrisal	...	Backergunge	...	...	...	...	...	...
81	2.1	0.97	2.53	3.06	4.47	4.26	+0.21	3.75	8.78	-5.03	2.3	3.4	Furreedpore	...	Furreedpore	SOUTH-WEST BENGAL.
78	8.4	1.87	2.07	2.71	3.24	3.81	+0.57	4.65	7.96	-3.31	3.0	3.8	Dacca	...	Dacca	
77	6.1	3.32	3.47	5.13	9.75	4.0	Commillah	...	Tipperah	...	...	...	...	...	...
85	6.9	4.21	3.11	4.01	10.19	5.27	+4.92	13.03	10.05	+2.98	2.4	3.7	Mymensingh	...	Mymensingh	
83	7.9	0.73	2.52	3.50	7.78	3.0	Bogra	...	Bogra	SOUTH-WEST BENGAL.
81	6.6	1.11	1.41	2.59	7.87	3.56	+4.31	10.51	7.49	+3.02	2.5	3.0	Serajgunge	...	Pubna	
79	3.6	1.00	2.10	2.91	6.04	2.7	Rampore Beaulah	...	Rajshahye	...	...	...	...	...	...
77	1.1	0.69	0.74	1.70	2.76	2.15	+0.61	12.26	4.49	+7.77	1.5	2.6	Maldah	...	Maldah	
81	5.3	0.25	0.95	2.18	2.03	3.26	-1.23	16.08	6.36	+9.72	2.8	2.3	Dinapore	...	Dinapore	SOUTH-WEST BENGAL.
79	7.7	1.13	1.01	4.22	6.48	5.62	+0.86	20.37	12.60	+7.77	2.3	3.6	Rungpore	...	Rungpore	
77	4.7	0.98	1.86	6.42	4.32	8.66	-4.34	18.78	17.29	+1.49	3.0	4.6	Julpigoree	...	Julpigoree	
91	6.9	0.93	2.17	4.91	3.66	6.45	-3.39	18.44	12.16	+6.28	4.0	4.8	Darjeeling	...	Darjeeling Hill Districts	
76	3.9	3.72	1.37	1.23	1.61	1.67	-0.06	16.84	3.99	+12.94	2.0	1.5	Purneah	...	Purneah	SOUTH-WEST BENGAL.
74	4.6	0.44	0.63	0.35	0.77	-0.42	6.80	1.82	+4.98	0.3	1.9	Mozufferpore	...	Mozufferpore		
72	6.0	0.11	0.24	0.67	0.79	0.91	-0.12	6.63	2.01	+4.62	0.7	1.1	Durbhunga	...	Durbhunga	
72	2.4	0.81	1.24	0.80	1.50	1.26	+0.24	3.71	2.57	+1.14	2.6	1.9	Motihari	...	Chumparan	
73	0.3	0.80	0.38	0.80	0.57	0.96	-0.39	4.98	1.80	+3.18	0.7	0.8	Chupra	...	Saran	SOUTH-WEST BENGAL.
75	1.1	Nil	0.82	Nil	0.44	-0.44	6.01	0.99	+5.11	Nil	0.8	0.8	Buxar	...	Shahabad	
76	1.0	Nil	0.82	Nil	0.44	-0.44	6.01	0.99	+5.11	Nil	0.8	0.8	Arrah	...	Arrah	
79	2.9	1.16	0.29	0.36	0.39	0.57	+0.02	5.87	1.69	+4.18	0.8	0.8	Gya	...	Gya	
79	1.7	1.68	0.72	0.84	0.72	0.51	+0.21	8.44	1.58	+6.86	0.8	0.9	Bankipore	...	Patna	SOUTH-WEST BENGAL.
71	1.6	0.07	0.15	0.77	0.15	0.98	-0.83	7.57	2.26	+5.31	10.8	1.2	Bhagulpore	...	South Bhagulpore	
71	4.4	0.44	0.83	1.29	1.64	-1.24	12.23	3.42	+8.80	2.0	2.0	Doomka	...	Sonthal Pergunnahs		
71	4.3	2.11	1.07	1.33	2.63	2.0	Hazaribagh	...	Hazaribagh	...	...	...	...	...	...
71	7.1	0.08	1.20	0.80	1.61	-1.53	9.49	3.73	+5.76	2.0	2.9	Chyebassa	...	Singbhoom	SOUTH-WEST BENGAL.	
71	4.4	1.62	1.07	1.33	2.63	2.0	Raichee	...	Lohardugga
71	5.6	5.23	1.07	1.33	2.63	2.0	Manbhoom	...	Manbhoom
71	5.6	5.23	1.07	1.33	2.63	2.0	Chyebassa	...	Singbhoom
71	5.6	5.23	1.07	1.33	2.63	2.0	Sibsagar	...	Sibsagar	SOUTH-WEST BENGAL.
71	5.6	5.23	1.07	1.33	2.63	2.0	Dhubit	...	Dhubit	...	...	...	...	...	...
71	5.6	5.23	1.07	1.33	2.63	2.0	Silchar	...	Silchar	...	...	...	...	...	...
71	5.6	5.23	1.07	1.33	2.63	2.0	Silchar	...	Silchar	...	...	...	...	...	...

The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-division.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of May.	Average total rainfall from 1st of May.	Total rainfall since 15th May 1887.	Average rainfall from 1st May to date.
			Saturday, 4th June.	Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Number of rainy days.	of Rainfall week.				
OUTER	Pooree	Pooree	.....	.....	.....	.....	0'01	.....	0'04	2	0'05	0'05	1'22	1'20	.....
		Khurdah	.....	.....	.....	.....	0'45	.....	.....	1	0'45	0'45	1'45	2'03	.....
		Banpur	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2'10	.....	.....
		False Point	.....	.....	0'05	.....	.....	.....	.....	1	0'05	0'05	1'33	12'31	.....
		Gop	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Pipli	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cuttack	Jagatsingapore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0'39	.....	.....
		Banki	0'03	0'02	.....	.....	.....	.....	.....	.....	.....	.....	1'71	.....	.....
		Cuttack	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1'78	.....	.....
		Kendrapara	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'93	6'24	.....
		Jajpore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	2'19	9'09	.....
SOUTH-WEST BENGAL.	Balasore	Dharmasalla	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Salipore	.....	.....	.....	0'14	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Chandbali	.....	0'15	.....	.....	.....	.....	.....	1	0'15	0'15	1'09	13'35	.....
		Bhuddruck	.....	.....	0'26	.....	.....	.....	.....	1	0'26	0'26	2'03	9'02	.....
		Sorah	.....	.....	0'80	.....	.....	.....	.....	.....	.....	.....	1'59	.....	.....
	Midnapore	Balasore	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'58	10'01	.....
		Jellapore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2'22	.....	.....
		Baripodah	.....	0'02	.....	.....	.....	.....	.....	1	0'02	0'02	2'86	3'31	.....
		Contai	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2'09	.....	.....
		Saugor Island	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	2'71	2'74	.....
SOUTH-WEST BENGAL.	24-Pergunnahs	Tumlook	.....	1'00	.....	.....	.....	0'29	.....	.....	.....	.....	2'15	2'74	.....
		Midnapore	0'07	.....	.....	.....	.....	0'07	.....	2	0'14	0'24	2'40	3'80	.....
		Ghattal	0'37	0'25	1'45	.....	.....	1'15	.....	4	3'22	3'22	3'14	4'04	.....
		Deoog	.....	.....	.....	0'78	.....	.....	.....	1	0'78	0'78	3'14	7'88	.....
		Heria	.....	.....	0'03	.....	.....	.....	.....	2	0'03	0'03	3'31	3'31	.....
	Diamond Harbour	Bhagwanpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Garbeta	.....	2	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....
		Diamond Harbour	0'03	0'58	.....	.....	.....	.....	.....	2	0'61	0'61	2'35	3'56	.....
		Canning Town	0'19	.....	0'27	.....	.....	.....	.....	2	0'46	0'46	2'35	3'56	.....
		Alipore Jail	0'11	.....	0'72	.....	.....	.....	.....	2	0'83	0'83	3'34	3'84	.....
SOUTH-WEST BENGAL.	Burdwan	Barrackpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3'74	3'94	.....
		Dum-Dum	0'32	0'30	0'05	.....	.....	.....	0'06	4	0'73	0'73	2'81	4'16	.....
		Ramset	0'01	.....	.....	.....	.....	.....	.....	1	0'01	0'01	3'05	2'90	.....
		Busserhat	.....	0'30	.....	.....	.....	.....	.....	1	0'30	0'30	3'39	3'39	.....
		Howrah	0'14	0'02	0'04	.....	.....	.....	0'57	4	0'77	0'77	2'90	2'81	.....
	Hooghly	Moheerika (Ooloberia)	0'03	0'59	0'16	.....	.....	.....	0'44	4	1'22	1'22	2'92	2'15	.....
		Serampore	.....	0'27	.....	.....	.....	.....	.....	1	0'27	0'27	3'35	2'54	.....
		Hooghly	.....	0'14	.....	.....	.....	.....	0'50	2	1'15	1'15	2'62	2'89	.....
		Jehanabad	1'06	0'20	.....	.....	.....	0'84	.....	3	2'10	2'10	2'61	6'32	.....
		Burdwan	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SOUTH-WEST BENGAL.	Bankura	Culna	0'38	.....	.....	.....	.....	0'08	.....	2	0'46	0'46	2'73	6'21	.....
		Burdwan	.....	0'15	0'17	.....	.....	.....	.....	2	0'32	0'32	2'08	7'92	.....
		Cutwa	0'27	.....	.....	.....	.....	.....	.....	1	0'27	0'27	2'41	16'00	.....
		Raneegunge	0'73	.....	.....	.....	.....	0'54	.....	2	1'27	1'27	1'46	6'38	.....
		Mankur	.....	0'11	.....	.....	.....	0'10	.....	2	0'21	0'21	.....	3'70	.....
	Bankura	Bankura	0'20	0'29	.....	.....	.....	0'25	.....	3	0'74	0'74	2'62	4'16	.....
		Bishenpore	0'27	0'17	.....	.....	.....	.....	.....	2	0'44	0'44	3'38	3'29	.....
		Maliara	0'64	.....	.....	.....	.....	0'56	.....	2	1'20	1'20	2'75	6'80	.....
		Khatra	0'57	0'05	.....	.....	.....	0'50	.....	3	1'42	1'42	2'31	3'50	.....
		Indas	0'14	.....	0'10	.....	.....	0'04	.....	3	0'28	0'28	.....	3'85	.....
SOUTH-WEST BENGAL.	Beerbhoom	Kotalpore	0'26	.....	0'39	.....	.....	0'45	.....	2	1'10	1'10	.....	4'91	.....
		Anda	.....	0'30	.....	0'20	.....	.....	.....	2	0'50	0'50	.....	2'35	.....
		Gangajalhati	0'56	.....	.....	.....	.....	0'28	.....	2	0'84	0'84	.....	6'16	.....
		Raipore	0'25	.....	.....	.....	.....	.....	.....	1	0'25	0'25	.....	5'07	.....
		Sonamukhi	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
	Nuddes	Bh. Soory	0'04	0'21	.....	.....	0'25	.....	.....	3	0'50	0'50	1'90	0'12	.....
		Hetampore	.....	0'34	.....	.....	.....	.....	.....	1	0'34	0'34	2'44	5'.....	.....
		Rampore Haut	0'33	0'10	.....	.....	0'03	.....	.....	3	0'46	0'46	2'50	10'23	.....
		Boipore	.....	.....	.....	.....	0'48	.....	.....	1	0'48	0'48	.....	4'20	.....
		Ranaghat	0'04	0'16	0'48	.....	.....	.....	.....	3	0'68	0'68	3'04	3'26	.....
SOUTH-WEST BENGAL.	Khoolna	Kishnagar	0'05	.....	.....	.....	.....	.....	.....	1	0'05	0'05	2'86	0'53	.....
		Choondanga	0'42	.....	.....	.....	.....	.....	0'38	2	0'80	0'80	3'22	6'80	.....
		Meherpore	0'08	.....	0'02	.....	.....	.....	0'32	3	0'42	1'20	3'04	12'71	.....
		Kooshtea	0'60	.....	0'23	.....	.....	.....	.....	2	0'83	2'18	4'17	8'33	.....
		Satkira	.....	0'42	.....	.....	.....	.....	.....	1	0'42	0'42	3'14	2'78	.....
	Jessore	Bagirhat	.....	0'28	.....	.....	.....	.....	.....	1	0'28	0'28	4'28	1'98	.....
		Khoolna	.....	2'21	.....	.....	.....	1'60	0'50	3	4'01	4'49	3'40	5'28	.....
		Narail	.....	0'28	.....	.....	.....	.....	.....	1	0'28	0'28	3'68	1'75	.....
		Jessore	.....	1'27	.....	.....	.....	.....	.....	1	1'27	2'74	3'77	4'81	.....
		Jhenidah	.....	0'57	.....	.....	.....	.....	.....	1	0'57	1'87	4'64	5'28	.....
SOUTH-WEST BENGAL.	Moorshedabad	Magoorah	0'10	0'74	.....	.....	.....	.....	.....	2	0'84	2'89	3'96	4'79	.....
		Bongong	.....	1'25	0'62	.....	.....	.....	.....	2	1'87	3'34	3'06	4'95	.....
		Kandi	.....	0'70	.....	.....	.....	.....	.....	1	0'70	3'01	2'46	8'29	.....
		Berhampore	0'11	0'27	.....	.....	.....	.....	.....	2	0'38	3'60	2'29	10'25	.....
		Lalbagh	0'24	0'26	.....	.....	.....	.....	.....	2	0'50	3'06	2'60	12'04	.....
	Chittagong	Azimungunge	0'40	0'14	.....	.....	.....	.....	.....	2	0'54	1'72	2'25	10'34	.....
		Jungipore	0'17	0'40	.....	.....	.....	.....	.....	2	0'57	1'69	1'70	12'19	.....
		Lalgola	.....	0'15	.....	.....	.....	.....	.....	1	0'15	2'28	2'28	10'50	.....
		Akhrganj	.....	0'53	.....	.....	.....	.....	.....	1	0'53	1'21	.....	6'16	.....
		Patkabari	.....	0'60	.....	.....	.....	.....	.....	1	0'60	1'10	.....	.....	.....
EAST BENGAL	Chittagong	Cox's Bazar	0'20	1'79	.....	.....	.....	.....	1'02	3	3'01	.....	8'33	6'49	.....
		Chittagong	0'07	0'89	.....	.....	.....	.....	.....	2	0'96	2'72	7'71	.....	.....
		Kutubdia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Satkanya	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Rangamati	0'10	0'40	.....	.....	0'70	1'28	0'35	5	2'63	4'28	6'19	7'43	.....
	Backergunge	Kuma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6'70	.....	.....
		Patnakhally	0'62	0'80	.....	0'45	.....	0'28	0'75	5	2'90	2'90	7'36	4'33	.....
		Persepore	0'87	.....	.....	.....	.....	.....	.....	1	0'87	0'87	5'23	3'08	.....
		Burrisal	0'08	0'65	.....	1'40	.....	0'03	0'30	5	2'46	3'32	4'75	2'66	.....
		Bhoia	0'20	0'28	.....	.....	.....	0'10	0'30	4	0'88	1'50	6'99	2'27	.....

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 4th June.	Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Number of rainy days.	of Rainfall week.				
EAST BENGAL—contd.	Noakholly	Gournaddi Bauphal	0'50	2	0'19	1'43	3	2'12	2'25	?	2'32	?
		Noakholly	0'04	0'62	2	0'66	8'17	13'10	13'10
		Fenny	0'32	1'15	0'22	9'09	14'17	14'17
		Harishpore	0'02	0'52	?	?
	Farrakpore	Ramganj	0'04	1'06	?	?
		Madaripore	0'68	0'19	2'06	3	3'53	4'78	4'48	6'19	8'88
		Furzedpore	0'93	0'15	2	1'08	3'00	4'52	3'84	6'78
	Dacca	Goalundo	1'94	1'05	2	2'99	5'04	3'79	6'04	7'69
		Munshigunge	0'90	0'92	0'80	3	2'62	3'85	4'68	5'01	8'23
		Dacca	1'41	1'05	0'31	3	2'77	3'16	4'05	4'79	8'43
		Narainkunge	0'47	0'49	0'06	0'30	4	1'32	2'15	3'15	3'52	6'02
	Hill Tipperah	Manickgunge	0'08	0'87	2	1'55	3'76	3'35	5'32	7'66
Joydebore		0'01	1'72	0'08	.....	0'01	.....	0'00	5	3'02	5'29	?	7'02	?
Agartola		.....	1'75	0'18	.....	.....	.....	.....	2	1'93	.....	4'21	.....	8'89
Comilla		0'39	1'05	0'95	.....	.....	0'71	0'31	5	3'41	4'83	5'05	5'40	10'79
Mymensingh	Tipperah	Chandpore	0'50	0'30	0'10	3	0'90	2'40	5'00	3'70	10'43
		Brahmanberia	2'00	1'87	1'00	3	4'87	4'77	4'77	9'88	9'88
		Ramchandrapore	0'21	1'06	0'87	0'05	0'05	5	3'14	3'47	?	4'35	?
		Nasirnagar	4'00	?	?
	Mymensingh	Daudkandi	1'71	0'22	2	4'14	4'76	?	4'86	?
		Kasba	2'14	2'00	1	0'42	0'42	?	1'22	?
		Laksham	0'42	1	0'42	0'42	?	?
		Kishoregunge	3'18	1'86	2	5'04	11'14	6'89	14'74	11'88
	Mymensingh	Atia (Tangail)	1'76	1	1'76	9'24	3'88	10'29	7'63
		Mymensingh	2'77	0'05	1'77	3	4'59	10'45	6'00	13'86	12'15
		Jamulpore	0'60	0'26	0'82	3	1'58	8'74	4'23	13'03	8'42
		Netrokona	1'02	1'45	0'13	3	2'60	10'02	6'37	12'37	10'18
Mymensingh	Subornakhal	0'10	.....	1'08	.....	.....	.....	.....	2	1'18	7'10	?	11'13	?
	Durgapore	.....	.....	1'50	.....	.....	.....	.....	1	1'50	13'65	?	17'72	?
	Dewanganj	0'74	.....	0'38	.....	0'13	.....	.....	3	1'25	20'92	?	31'01	?
	Pubna	Pubna	1'38	0'24	2	1'62	3'08	3'87	5'28	7'64
Seraingunge		0'77	0'05	0'38	.....	.....	.....	.....	3	1'20	12'66	3'25	15'71	7'32
Bogra		Sherpore	0'45	0'44	2	0'89	9'14	3'13	14'69	8'16
		Nowkhilla	0'42	0'21	2	0'63	12'57	3'83	17'73	7'45
	Bogra	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3'12	8'28	8'28
	Pauchbibi	0'50	.....	0'45	1'50	0'45	.....	.....	4	2'90	6'90	3'33	19'91	7'18
Rajshahye	Beaulah	0'72	0'06	.....	.....	.....	.....	.....	1	0'92	2'82	2'82	9'26	6'12
	Natore	.....	0'02	.....	.....	.....	.....	.....	1	0'02	4'98	?	13'60	5'04
	Naogaon	0'52	.....	.....	0'05	.....	.....	.....	2	0'57	0'71	?	7'52	?
	Lalpur	0'33	0'13	.....	.....	.....	.....	.....	2	0'46	0'71	?	10'25	?
Maldah	Manda	0'12	.....	.....	.....	.....	.....	.....	1	0'12	2'98	?	.....	?
	Maldah	.....	0'09	.....	.....	.....	.....	.....	1	0'09	4'07	1'90	15'45	3'89
	Chanchal	0'05	.....	.....	1'35	.....	.....	.....	2	1'40	1'46	2'40	9'10	5'09
	Gajol	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
Dinapore	Sibganj	.....	.....	.....	.....	.....	.....	0'25	1	0'25	1'85	?	12'09	?
	Mohadebpore	0'10	.....	.....	0'30	.....	.....	.....	2	0'40	0'64	4'79	14'16	7'75
	Churamon	0'08	0'05	.....	1'07	.....	.....	.....	3	1'20	1'33	3'23	15'42	5'21
	Raigunge	.....	0'08	.....	0'20	.....	0'14	.....	3	0'42	0'71	2'06	11'94	5'05
Rungpore	Dinapore	.....	.....	0'55	0'42	.....	.....	.....	2	0'97	1'34	3'67	20'61	7'83
	Baloorghat	0'09	.....	0'19	1'43	.....	0'06	.....	4	1'77	6'13	1'03	5'01	5'01
	Bhawangunge (Gyabanda)	.....	.....	.....	.....	.....	1'28	.....	1	1'28	11'16	4'87	21'41	10'04
	Rungpore	0'10	.....	0'65	0'15	.....	.....	.....	3	0'90	5'30	5'28	16'17	11'89
Jalpigore	Kurigram	0'37	.....	0'15	0'60	.....	0'09	.....	4	1'21	6'08	7'59	14'79	13'06
	Bagdogra	0'16	.....	1'48	.....	.....	.....	.....	2	1'64	6'37	4'72	27'25	12'44
	(Nilphamari)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Uitpore	1'70	.....	0'70	0'31	.....	0'59	.....	4	3'51	8'64	?	15'67	?
Cooch Behar	Jalpigore	.....	0'17	0'66	.....	.....	.....	.....	2	0'83	2'56	8'03	20'64	15'92
	Alipore Doar	.....	.....	1'83	1'67	.....	.....	.....	2	3'52	4'38	?	21'81	?
	Falacotta	0'04	.....	0'49	0'78	.....	.....	1'60	4	2'01	7'08	?	18'82	?
	Debiganj	0'50	.....	0'05	.....	.....	.....	.....	2	1'15	.....	?	.....	?
North Bhagalpore	Dumhatia	0'21	0'03	0'65	0'08	.....	.....	.....	4	0'97	2'84	8'49	17'07	18'39
	Cooch Behar	0'15	0'03	1'09	2'39	.....	.....	.....	4	4'28	8'74	12'38	21'66	21'66
	Mickligunge	0'22	.....	1'00	.....	.....	.....	.....	2	1'22	3'05	6'01	18'20	14'44
	Matabhanga	0'34	.....	1'36	0'31	.....	.....	.....	3	2'01	4'44	7'50	18'78	16'76
Darjeeling Hill	Buxa	1'28	0'08	.....	.....	.....	0'82	1'04	4	3'22	4'38	12'27	25'28	25'28
	Siliguri	0'75	.....	0'23	.....	.....	.....	4'02	3	5'60	5'82	5'28	20'87	2'59
	Darjeeling	0'03	0'62	0'75	0'10	0'01	.....	0'08	6	0'99	1'22	4'78	18'72	8'45
	Kalimpong	.....	0'04	0'19	.....	0'23	.....	.....	3	0'46	0'79	3'45	9'36	5'11
Purneah	Kissengunge	0'35	.....	0'08	.....	.....	0'10	.....	3	0'53	0'96	3'00	19'03	6'14
	Arrareah	0'30	0'76	.....	.....	.....	.....	.....	2	1'06	1'13	1'46	16'08	4'20
	Purneah	0'23	0'87	.....	2'57	.....	.....	.....	3	3'72	3'78	1'58	26'06	3'34
	Gondwara	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
North Bhagalpore	Balarampore	.....	0'86	.....	0'33	.....	.....	.....	1	1'00	1'00	?	10'31	?
	Matiari	.....	1'00	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
	Kaliaganj	.....	0'50	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
	Madhapore	0'50	.....	.....	0'32	.....	.....	.....	2	0'82	1'04	1'08	13'15	2'85
Durbhanga	Sooool	0'73	.....	.....	.....	.....	.....	.....	1	0'73	1'17	1'24	9'92	5'09
	Protaganj	0'06	0'32	.....	.....	.....	.....	.....	2	0'38	0'38	?	10'08	?
	Tajpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'60	7'28	1'37
	Durbhanga	.....	.....	.....	.....	.....	.....	.....	1	0'11	0'91	0'91	6'20	1'09
Mozufferpore	Madhubani	0'11	.....	.....	.....	.....	.....	.....	1	0'61	1'45	1'22	6'42	2'02
	Bahera	0'05	.....	.....	.....	.....	.....	.....	1	0'05	1'90	?	8'00	?
	Koshera	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	.....	?
	Sitamarhi	0'63	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'01	1'03	3'31
Ono parun	Mozufferpore	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	0'92	0'80	6'57
	Hajipore	.....	.....	.....	.....	0'13	.....	.....	1	0'13	0'13	0'47	10'43	1'13
	Para	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	8'08	?
	Mahma	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	7'72	?
Ono parun	Sinhar	.....	.....	.....	.....	.....	.....	.....	NH	NH	NH	?	4'61	?
	Pupri	0'43	.....	.....	.....	.....	.....	.....	1	0'43	0'78	?	4'41	?
	Motiauri	0'82	.....	.....	.....	.....	.....	.....	2	1'19	1'42	1'23	4'11	2'59
	Bettiah	1'60	.....	.....	.....	.....	.....	.....	2	1'30	1'60	1'20	3'31	2'53
Ono parun	Bagaha	0'22	.....	.....	.....	.....	.....	.....	2	3'41	3'04	?	4'96	?
	Burharwa	1'14	.....	.....	.....	.....	.....	.....	2	1'23	1'23	?	3'87	?

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 10th of June 1887—concl'd.

Met-oro logical Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 4th June.	Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Number of rainy days.	of rainfall week.				
NORTH BEHAR —concluded.	Saran	Gopalgunge ...	.....	.....	.....	.....	0'24	.....	.....	Nil	Nil	0'41	1'43	2'89	2'89
		Sewan ...	.....	.....	.....	.....	0'89	.....	.....	1	0'24	0'39	0'96	3'77	1'78
SOUTH BEHAR	Shahabad	Chuprah ...	.....	.....	.....	.....	.....	.....	.....	1	0'39	0'89	0'48	8'23	1'81
		Buxar ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'34	5'74	0'60
		Dohree ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	5'79	?
		Bhubooh ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'38	3'13	0'60
		Sasseram ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'33	4'75	0'60
		Arrah ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'70	10'40	1'81
		Mohania ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
	Gya	Aurungabad ...	.....	.....	.....	.....	0'31	.....	.....	1	0'31	0'31	0'56	8'05	1'81
		Gya ...	.....	.....	.....	.....	1'16	.....	.....	1	1'16	1'16	0'44	5'41	1'81
		Nowadah ...	.....	.....	.....	.....	.....	.....	0'88	1	0'88	0'88	0'63	3'70	1'81
		Jehanabad ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'63	5'70	1'81
		Arwal ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	7'25	?
		Daudnagar ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Sherghatti ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	5'58	?
		Rajauli ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	3'62	?
		Pakri Barawan ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	1'68	?
	Patna	Patna ...	.....	.....	.....	.....	1'68	.....	.....	1	1'68	1'68	0'57	11'15	1'81
		Dumra ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'41	9'24	1'81
		Bohar ...	.....	.....	.....	.....	0'60	.....	.....	1	0'60	0'60	0'49	5'68	1'81
		Harri ...	.....	.....	.....	.....	0'60	.....	.....	1	0'60	0'60	0'57	7'77	1'81
		Bickram ...	.....	.....	.....	.....	0'90	.....	.....	Nil	Nil	Nil	?	10'10	1'81
		Hilsa ...	.....	.....	.....	.....	0'90	.....	.....	1	0'90	0'90	?	5'52	?
	Monghyr	Begowah ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'73	?	1'81
		Monghyr ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'10	9'97	1'81
		Jamu ...	.....	.....	.....	.....	0'45	.....	.....	1	0'45	0'45	0'66	5'13	1'81
		Gogri ...	.....	.....	.....	.....	.....	0'30	.....	1	0'30	0'30	?	13'05	?
		Sheikpura ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	4'90	?
	South Bhagui- pore.	Bhagulpore ...	.....	.....	0'21	.....	.....	.....	.....	1	0'21	0'21	1'10	6'95	1'81
		Banks ...	.....	0'09	.....	.....	.....	.....	.....	1	0'09	0'09	1'33	8'41	1'81
		Kolpore ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	10'29	?
	Sonthal Per- gunnahs.	Rajmehal ...	0'04	.....	0'07	.....	.....	.....	.....	2	0'11	0'11	1'54	20'26	1'81
		Gedak ...	.....	0'28	.....	.....	.....	0'07	.....	2	0'35	0'35	1'14	16'74	1'81
		Pakour ...	0'81	0'15	.....	.....	.....	.....	.....	2	0'96	1'40	2'27	18'00	1'81
		Nya Doonka ...	.....	0'13	.....	.....	0'03	.....	.....	2	0'16	0'50	1'75	11'55	1'81
		Deoghar ...	.....	0'25	.....	.....	0'04	.....	.....	2	0'29	0'31	1'30	5'43	1'81
		Jamshed ...	0'16	0'03	.....	.....	.....	.....	.....	2	0'19	0'19	1'82	6'32	1'81
		Simra ...	.....	0'15	.....	.....	0'15	.....	.....	2	0'30	0'30	?	14'05	1'81
		Nasihat ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	4'20	?
CENTRAL BENGAL —PUR.	Hazaribagh	Pachanua ...	0'10	0'12	.....	.....	0'34	.....	.....	3	0'56	0'82	1'54	3'83	1'81
		(Guridi) ...	.....	.....	.....	.....	.....	.....	.....	2	0'20	0'44	1'50	5'72	1'81
		Hazaribagh ...	0'05	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'52	5'76	1'81
		Manuadi Hills ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	1'05	?	1'81
		Jhoomrah Hills ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'85	7'60	1'81
		Barna ...	.....	.....	.....	.....	0'33	.....	.....	1	0'33	0'33	?	5'90	?
		Chatra ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	8'42	?
		Karagdeha ...	.....	.....	.....	.....	.....	.....	.....	1	0'54	0'54	?	6'03	?
		Kumhar ...	.....	.....	.....	.....	0'54	.....	.....	1	0'54	0'54	?	6'03	?
	Lohardugga	Lohardugga ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	6'07	?
		Kanchi ...	.....	.....	.....	.....	.....	.....	.....	1	2'10	2'10	1'61	13'12	1'81
		Pannow ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	0'73	5'52	1'81
		Sili ...	.....	.....	.....	.....	.....	.....	.....	1	0'60	0'60	?	4'30	?
		Batimat ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	?	?
		Hosseinabad ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	4'88	?
		Garwah ...	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	Nil	?	4'11	?
	Singbhoom	Chyotama ...	.....	0'03	.....	.....	0'05	.....	.....	2	0'08	0'08	1'61	9'49	1'81
		Chakradhar ...	.....	.....	.....	0'76	0'79	.....	.....	2	1'40	1'40	?	5'61	?
		Chitsilla ...	.....	.....	.....	.....	.....	.....	0'09	1	0'09	0'09	?	2'86	?
		Baharagura ...	.....	0'20	.....	.....	.....	.....	.....	1	0'20	0'20	?	3'18	?
	Manbhoom	Puruli ...	.....	0'12	.....	.....	0'56	.....	.....	2	0'68	0'73	1'55	6'33	1'81
		Gopinapore ...	0'16	.....	.....	.....	0'96	.....	.....	2	1'12	1'19	1'40	5'03	1'81
		Kaghunath ...	0'38	.....	.....	.....	0'77	.....	.....	2	1'15	1'76	?	8'73	?
		Baryabhoom ...	.....	.....	.....	.....	0'03	0'04	.....	2	0'07	0'07	?	2'60	?
		Jhaldi ...	.....	.....	.....	.....	.....	.....	.....	?	?	?	?	?	?
		Chait ...	0'50	.....	.....	.....	.....	0'84	.....	2	1'34	1'34	?	4'94	?

Explanation.—In cases where no rain has fallen, if the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 14th June 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE
10TH OF JUNE 1887.**

At the close of the previous week a fairly strong monsoon current was blowing over Bengal. This inrush of south-west monsoon winds had been brought up in the rear of the cyclone, which had broken up in Behar at the end of May. The monsoon current had brought up very heavy rainfall, and at the commencement of the week under review, fairly heavy rain-showers were general over almost the whole province. The monsoon current then began to slacken, wind velocities decreased, and wind directions became less regular, particularly in Behar, and rain became very light and local, until finally at the close of the week the greater part of the province was rainless. The diminution of the strength of the monsoon current blowing over the province towards the end of the week was much increased by the commencement of the formation of another cyclonic storm, though of much smaller and more feeble kind than the previous one. This small storm apparently commenced to form about Monday, the 8th, in the centre of the northern half of the Bay. The indications of its existence were particularly feeble till Friday, the 10th, when a well marked circulation of winds set up over the northern half of the Bay. The small storm thus formed was a feeble one, and on the 10th the centre was apparently to the west of the centre of the Bay, and in about the latitude of Gopalpore. By the indraught towards this storm, the further progress of the monsoon winds over Bengal was checked, and rainfall became very scanty. Another feature of interest in the meteorology of the province at the commencement of the week was the continuance of heavy rainfall in Assam. The heavy rainfall brought up by the cyclone apparently reached the Assam station only at the commencement of June, but at Silchar, in particular, the falls were very heavy, and thus on the three days from the 2nd to the 4th no less than 14·45 inches were received at this station.

Pressure—Was at the close of the previous week rather largely above the normal. In the first three days of the present week pressure fell continuously; this was then succeeded by a slow increase for a corresponding period, but on Friday, the 10th, pressure again commenced to fall. The fall has been decidedly greater than the rise, and therefore the excess pressure which obtained during the previous week has been replaced by a defect. The mean pressure for the week at the stations from which records have been received for the greatest number of years shows that it has been in defect of the normal in Bengal by 0·022 inch, while in Assam the defect has been 0·029 inch.

Temperature—Had in the previous week, owing to the excessive rainfall, been largely below the normal, but with the rapid cessation of rain during the present week, temperature has generally risen rather considerably, and over a large part of the province it is now nearly normal. In East Bengal, indeed, the mean temperature for the week has been 0·9° in excess of the normal, but the remainder of the province has been in defect. The defects are small, being less than 1° in Orissa, South-West Bengal, North Bengal and Chutia Nagpur, rather larger (1·8°) in Assam, and much larger (between 3° and 4°) in Behar. For the whole of Bengal and Assam the mean average temperature has been 1·3° in defect of the normal.

Rainfall—As has been previously stated, has been comparatively light and infrequent during the week, and it has been in decided defect over the greater part of the province. The largest falls have occurred generally in East Bengal, where, during the week, the average amount of 2·69 inches has fallen, the normal fall for the period being 3·94 inches. This district has therefore received a fall very distinctly less than the normal. North Bengal has received an average fall of 1·50 inches, while the normal fall for the week is 3·55 inches, or the actual has been less than half the normal. South-West Bengal has received an average fall of 0·80 inch, while the normal for the period is 2·06 inches, and the actual is therefore about a third of the normal quantity. In Chutia Nagpur the fall has averaged 0·81 inch, and the normal fall would be 0·97 inch, the actual is thus again less than the normal. In North Behar the fall has averaged 0·68 inch against the usual amount of 0·88 inch, and this district has therefore received a fall not very far removed from the normal, while in South Behar the actual fall has been 0·38 inch and the normal is 0·64 inch, and thus the fall is about half the normal. Orissa has received the very small fall of 0·14 inch, the normal being 1·15 inches or about eight times as much. Speaking generally, it may be said that the rainfall over Bengal has been only about one-half of the normal. In Assam the three stations from which reports are obtained have received the following amounts of rain:—Silchar the large fall of 5·22 inches, Sibsagar 3·31 inches, and Dhubri 1·02 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 10th of June 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Variation.	
Orissa	103.4	77.7	92.5	80.5	86.5	-0.6	0.14	1.15	-1.01	1.0	2.0	-1.0	0.14	1.75	6.87	3.67
South-West Bengal	101.3	72.7	94.7	78.6	86.6	-0.6	0.80	2.06	-1.26	2.0	2.7	-0.7	1.51	2.90	6.19	5.50
East Bengal	94.3	70.5	89.4	76.8	83.1	+0.9	2.67	3.94	-1.27	3.0	3.9	-0.9	4.06	5.60	6.72	10.13
North Bengal	97.8	68.8	90.1	76.1	83.1	-0.8	1.50	3.55	-2.05	2.8	3.2	-0.4	4.91	4.72	17.06	9.82
North Behar	96.5	69.6	91.5	77.5	84.5	-3.6	0.68	0.88	-0.20	1.2	1.1	+0.1	1.01	1.17	8.72	2.00
South Behar	102.0	75.8	94.7	79.7	87.2	-3.2	0.38	0.64	-0.26	1.0	1.3	-0.3	0.42	0.90	8.27	2.06
Chutia Nagpur	99.0*	69.4*	90.7*	75.6*	86.2*	-0.8*	0.81	0.97	-0.16	2.0	2.0	0	0.89	1.35	7.06	2.65
Assam	94.1	70.3	87.1	74.6	80.8	-1.8										

* Chyebassa not included.

† Reports not complete.

METEOROLOGICAL OFFICE, BENGAL:

The 14th June 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 5th to 11th June 1887.

MONTHS.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
June	5th	83.4	93.5	14.2	79.3	79.1	.939	77.3	82	0.03
"	6th	83.3	95.0	21.8	73.2	80.5	1.005	79.4	88	0.21
"	7th	85.9	97.1	18.1	79.0	82.2	1.051	80.8	85	Nil.
"	8th	87.2	96.3	15.9	80.4	82.6	1.054	80.9	82	"
"	9th	85.3	96.0	17.2	78.8	80.4	.973	78.4	79	"
"	10th	85.6	94.0	14.6	79.4	80.5	.974	78.4	80	"
"	11th	83.6	92.0	12.8	79.2	78.6	.912	76.5	79	"

The mean temperature of the seven days ... 84.9

The extreme variation of temperature ... 23.9

The maximum temperature ... 97.1

The mean relative humidity ... 82

The total fall of rain from 5th to 11th June 1887 ... 0.32

The mean temperature and humidity are obtained by applying to the mean of the 10th, 16th, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 13th June 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE returns of the principal Municipalities in Bengal (excluding Howrah and Bali from which no returns were received up to date), for the week ending 28th May 1887, disclose the following particulars:—

1. That births and deaths were recorded in these Municipalities at the rates, respectively, of 14·4 and 22 per 1,000 of population as opposed to 15·9 and 24 per 1,000 in the preceding week ending 21st May, indicating a retrogression in the registration of both the events.

2. That these events were returned in the highest proportions from the following Municipalities:—

<i>Births.</i>			<i>Deaths.</i>		
		Ratio per mille.			Ratio per mille.
Beaulah	...	52·5	Gya	...	40·3
Serampore	...	47·1	Serampore	...	35·3
Utterpara	...	37·7	Suburbs of Calcutta	...	32·1
Durbhanga	...	29·9	Beaulah	...	31·5

3. That the principal diseases specified in the table appended to this memorandum proved fatal at the rates exhibited below:—

					Ratio per mille during the weeks ending—	
					28th May 1887.	21st May 1887.
Cholera	...	...	...	...	2·4	5·5
Small-pox	...	...	...	...	·2	·4
Fever	...	...	...	...	8·2	7·9
Bowel-complaints	...	...	...	...	3·1	3·2
Injury	...	...	...	...	·4	·3
Other causes	...	...	...	...	7·7	6·7

indicating chiefly that, in comparison with the preceding week, the severity of cholera had on the whole declined considerably, but that the mortality from the diseases classed under the head of "Other causes" had increased to some extent.

4. That while bowel-complaints and injury were nowhere actively severe, and fever proved noticeably fatal only in the Beaulah town, viz., at 21 per 1,000 of population, the rest of the diseases caused the greatest loss of life in the following Municipalities:—

<i>Cholera.</i>		Ratio per mille.	<i>Bowel-complaints.</i>		Ratio per mille.	<i>Other causes.</i>		Ratio per mille.
Suburbs of Calcutta	...	4·8	Puri	...	10·5	Naraingunge	...	16·5
Durbhanga	...	4·7	Purneah	...	10·4	Gya	...	15·0
Patna	...	4·2				Purneah	...	13·8
Gya	...	2·7				Suburbs of Calcutta	...	13·6
						Dacca	...	13·0
						Puri	...	10·5

5. That the mortality referable to *Sex*, *Class* and *Age* stood as follows:—

<i>According to Sex.</i>			<i>According to Class.</i>			<i>According to Age.</i>		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	22·2	Christians	...	25·9	Under 1 year	...	233·0
Females	...	21·7	Hindus	...	21·7	1 and under 5 years	...	30·2
Ratio of male deaths to every 100 female deaths	114		Mahomedans	...	22·6	5 " " 10 "	...	9·7
						10 " " 15 "	...	8·2
						15 " " 20 "	...	12·6
						20 " " 30 "	...	11·9
						30 " " 40 "	...	12·6
						40 " " 50 "	...	15·2
						50 " " 60 "	...	21·7
						60 years and upwards	...	55·4

R. LIDDERDALE, M.D., *Deputy Surgeon-General,*
Sanitary Commissioner for Bengal.

The 13th June 1887.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 28th May 1887.

1		2		3		4		5		6		7		8		9		10		11		12				
DISTRICTS.				NAMES OF MUNICIPALITIES.				POPULATION.				BIRTHS.				DISEASE.				SEX.						
								NUMBER OF—		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male births to every 100 female births.		DEATHS FROM—				RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		
								Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Males.	Females.	Males.	Females.	Males.	Females.
								Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Males.	Females.	Males.	Females.	Males.	Females.
Burdwan	Burdwan	18,053	16,017	34,080	...	5	5	10	10	20	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Midnapore	Midnapore	16,327	16,633	32,960	7	1	8	10	10	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hughli	Hughli and Chinsurah	19,179	19,539	38,718	5	7	12	6	9	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Serampore	Serampore	13,559	12,997	26,556	13	11	24	25	21	47	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...
Utterpara	Utterpara	3,046	2,464	5,510	3	1	4	28	9	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Howrah	Howrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bali	Bali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24-Pargunnahs	Suburbs of Calcutta	147,205	104,231	251,436	44	29	73	9	6	15	...	...	23	1	...	...	...	...	...	...	...	...	...	...	...
Kishoreganj	Kishoreganj	13,263	14,214	27,477	3	1	4	5	19	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ranghat	Ranghat	4,028	4,635	8,663	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Satipore	Satipore	13,708	15,979	29,687	2	2	4	3	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore	Jessore	4,820	3,695	8,515	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rampore Beaulah	Rampore Beaulah	10,766	9,625	19,791	19	10	29	26	22	52	...	...	100	1	...	...	...	...	...	...	...	...	...	...	...
Darjiling	Darjiling	5,029	2,947	7,976	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Dacca	42,782	37,379	80,161	4	7	11	26	45	71	...	...	57	1	...	...	...	...	...	...	...	...	...	...	...
Narainganj	Narainganj	7,895	4,956	12,851	4	1	5	16	4	20	...	...	400	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	Chittagong	13,340	8,790	22,130	5	2	7	11	47	16	...	...	250	...	...	...	...	...	...	...	...	...	...	...	...
Comillah	Comillah	8,133	5,353	13,506	2	1	3	7	38	11	...	...	290	...	...	...	...	...	...	...	...	...	...	...	...
Patna City	Patna City	78,762	81,475	160,237	22	6	28	7	20	9	...	...	368	13	...	...	...	...	...	...	...	...	...	...	...
Gya	Gya	38,590	37,831	76,421	15	8	23	10	5	15	...	...	187	4	...	...	...	...	...	...	...	...	...	...	...
Arrah	Arrah	20,905	22,405	43,310	1	...	1	1	...	...	...	...	No female births.	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffarpore	Muzaffarpore	23,084	19,058	42,142	2	6	8	2	7	9	...	...	53	...	...	...	...	...	...	...	...	...	...	...	...
Durbhanga	Durbhanga	33,774	32,324	66,098	22	16	38	17	13	29	...	...	137	6	...	...	...	...	...	...	...	...	...	...	...
Chupra	Chupra	26,041	27,313	53,354	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bhagalpore	Bhagalpore	29,610	27,513	57,123	14	11	25	13	10	23	...	...	127	2	...	...	...	...	...	...	...	...	...	...	...
Monghyr	Monghyr	28,154	29,363	57,517	11	16	27	9	13	24	...	...	68	1	...	...	...	...	...	...	...	...	...	...	...
Paranah	Paranah	8,463	6,553	15,016	2	...	2	6	9	...	...	...	No female births.	...	...	...	...	...	...	...	...	...	...	...	...
Puri	Puri	13,247	11,557	24,784	2	4	6	4	2	8	...	...	50	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	TOTAL	831,001	575,052	1,406,053	195	145	338	8	6	24	135	23	5	102	72	9	180	514	2	2	8	2	2	2

[illegible]

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL.
The 13th June 1887.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
SOUTH-WESTERN CIRCLE.

NUDDEA RIVERS.

Statement showing Quantities of Goods carried during the month of April 1887.

Number of boats or rafts.	DESCRIPTION.	TOTAL GOVERNMENT AND PRIVATE.				PRIVATE.		REMARKS.
		Quantity—Tons.			Value.	Quantity.	Value.	
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.	
816	1. Grain ...	1,056	8,086	9,142	4,63,852	9,142	4,63,852	
.....	2. Cotton ...	.....	.....	.....	.....	.....	.....
157	3. Oilseeds ...	84	1,838	1,922	1,99,959	1,922	1,99,959	
222	4. Salt ...	1,472	.....	1,472	1,23,639	1,472	1,23,639	
.....	5. Piece-goods ...	.....	.....	.....	.....	.....	.....
28	6. Metal ...	100	21	121	25,815	121	25,815	
27	7. Building materials ...	103	51	154	5,196	154	5,196	
496	8. Miscellaneous ...	852	1,734	2,586	4,43,278	2,586	4,43,278	
30	9. Fuel ...	125	120	245	2,113	245	2,113	
51 rafts.	10. Timber ...	1,205 c. ft.	18,497 c. ft.	19,702 c. ft.	14,205	19,702 c. ft.	14,205	
2 „	11. Bamboos ...	.....	76 „	76 „	6	76 „	6	
1,776 & 53 rafts.	12. Total ...	3,792 & 1,205 c. ft.	11,850 & 18,573 c. ft.	15,642 & 19,778 c. ft.	12,78,063	15,642 & 19,778 c. ft.	12,78,063	
1,883 & 42 rafts	13. Total of same month last year ...	.....	.....	27,955 & 3,393 c. ft.	13,10,864	27,955 & 3,393 c. ft.	13,10,864	
14. Total number of boats plying cargo No.		678	1,098	1,776	Total tollage of month—24 + 25 + 26 ...		Rs. A. P. 12,371 13 3	
14a. Ditto empty boats and steamers ...		789	169	958	Total tollage of same month last year ...		8,680 1 0	
15. Total number of boats plying passenger No.		535	523	1,058	<i>Memorandum of Tollage.</i>			
16. Total registered tonnage, cargo ...		1,70,997	3,74,599	5,45,596				
17. Total registered tonnage, passenger ...		120	94	214				
18. Ton-mileage ...		.....	.....	.....
19. Estimated value of cargo ...		4,01,189	8,62,663	12,63,852	1. Balance not recovered on the 1st of the month ...		Rs. 378 6	
20. Number of passengers ...		1,084	611	1,695	2. Tollage per month ...		12,371 13	
21. Rafts, bamboos c. ft.		.....	76	76	3. Total ...		12,750 3	
22. Do., bullahs „		1,205	18,497	19,702	4. Amount paid into treasury during the month ...		12,210 14	
23. Estimated value of rafts ...		1,845	12,366	14,211	5. Balance due at the end of the month ...		539	
24. Tollage on boats Rs.		3,957-9-6	8,279-9-9	12,237-3-3				
25. Compounded tollage on boats Rs.		.....	.....	.....	
26. Tollage on rafts „		9-15-0	124-11-0	134-10-0				
27. Total tollage on boats per ton-mile ...		.....	.....	.....
28. Total tollage on rafts per 100 cubic feet ...		.....	.....	.....

CALCUTTA,
 The 14th June 1887.

C. W. I. HARRISON, *Lieut.-Col., R.E.*
Offg. Joint-Secretary to the Government of B

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 11th June 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.			WEEK ENDING SATURDAY, THE 11TH JUNE 1887.			WEEK ENDING SATURDAY, THE 12TH JUNE 1886.		
			Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
			No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	...	...	403	92,729	1,302	218	47,405	841
Opium	...	...	18	10,100	219	12	6,475	96
Teakwood	...	...	152	82,050	1,264	185	71,050	1,009
Other articles	...	...	894	2,02,095	3,107	638	1,65,900	2,304
Total	...	...	1,467	3,86,974	5,892	1,053	2,90,830	4,250

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ended 23rd April 1887, as compared with the same period of 1886.

STAPLES.	1887.		1886.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
ANIMALS, LIVING, FOR SALE.	No.							
Horses, ponies, and mules ...	109	2,879	26	473	83	2,406		
Cattle ...	45	210	79	409			34	190
Sheep and goats ...	3,157	2,032	1,704	1,440	1,453	1,192		
Other kinds ...								
BORAX ...	2,126	1,808	3,828	3,200			1,702	1,392
Canes and rattans ...	9	2	1	1	8	1		
Caoutchouc (Indian-rubber) ...	122	231	123	223			1	
Chinese and Japanese ware ...	7,69,686	2,42,277	6,25,776	2,31,427	1,39,910	10,850		
Coal and coke, up ...	17,73,508	2,46,068	17,77,008	2,45,848			3,500	
Do., down ...	2,43,382	2,33,627	97,608	1,07,892	1,45,774	1,25,735		
COTTON, RAW ...	8,084	12,031	8,290	12,201			206	179
Twist and yarn (European) ...	8,897	6,221	10,995	6,413			2,098	192
Do., ditto (Indian) ...	1,83,176	2,05,650	2,22,261	2,57,371			40,025	51,721
COTTON, MANUFACTURED.	22,749	14,403	24,360	15,238			1,611	715
Piece-goods (European) ...	238	137	133	103	85	54		
Do., ditto (Indian) ...	Asafetida ...							
DRUGS AND MEDICINES.	1,060	1,291	1,896	1,939			866	608
Intoxicating drugs (other than opium, i.e., arsenic, bhang, ganja, and churus, &c.)	1,896	1,341	2,146	1,414			250	73
INDIGO ...	562	381	615	473			53	92
MADEIR OR MANJIT ...	76	15	91	18			15	3
DYEING MATERIALS.	5,188	2,604	2,964	1,903	2,194	761		
Safflower ...	18,426	14,059	23,318	21,695			4,892	7,636
Turmeric ...	18,098	11,204	8,866	7,322	9,232	3,882		
Other kinds ...	715	980	738	1,070			23	90
Earthenware and porcelain ...	10,310	4,590	7,534	3,733	2,776	857		
FIBROUS PRODUCTS.	92,798	42,124	1,11,367	55,836			18,569	13,711
Do., manufactured (gunny bags and cloths).								
Other fibres, raw ...	923	1,063	4,962	2,978			4,039	1,915
Do., ditto, manufactured ...	1,585	457	2,013	719			428	263
FRUITS & NUTS	3,590	3,814	3,772	3,765			182	
Cocoanuts ...	31,708	25,335	32,490	28,352			782	3,017
All other kinds ...	5,84,666	1,72,420	5,02,876	1,49,200	81,790	23,220		
GRAIN & PULSES	2,02,797	54,554	2,31,837	68,214			29,040	13,669
Wheat ...	6,55,042	1,43,840	5,59,162	98,349	95,880	45,500		
Gram and pulses ...	30,663	5,263	22,343	4,263	7,720	1,000		
Rice, husked ...	1,63,945	27,062	1,14,265	31,772			11,220	4,710
Do., unhusked ...	3,241	1,620	3,293	2,157			62	537
Other rain and spring crops ...	48,965	30,120	54,360	34,362			6,295	4,236
Gums and resins ...	12,940	6,584	13,689	6,994			749	359
HIDES & SKINS ...								
Hides of cattle ...								
Skins of sheep, goats, and small animals.								
HORNS ...	931	226	722	481	209			255
LAC								
Lac dye ...	17,076	12,523	15,681	10,942	1,395	1,581		
Do. shell ...	18,427	5,514	13,912	4,482	5,415	1,032		
Do. stick and other kinds ...	1,139	2,335	1,186	2,215			47	
LEATHER	2,443	3,635	2,675	3,721			232	86
Do., ditto, manufactured ...	12,451	13,569	17,980	16,158			5,529	2,589
Liquors ...	310	229	314	230			4	1
MATS	33,841	25,938	36,050	29,330			2,209	3,392
METALS AND MANUFACTURES OF	71,757	45,220	73,114	50,860			1,357	5,640
Brass and copper ...	6,809	8,841	8,564	8,611			1,755	1,670
Iron ...	27,533	16,565	22,348	16,079	5,185	186		
Other metals ...	29,666	25,071	26,638	14,289	2,973	10,782		
Paints and colours ...	1,457	1,387	1,292	1,379	186	8		
PROVISIONS	24,767	23,434	22,892	21,901	1,875	1,533		
Other kinds ...	4,890	5,793	5,100	6,135			240	342
Railway materials, Construction Account	1,41,272	5,348	1,48,389	6,435			7,117	1,087
Do., ditto, Foreign	3,02,966	1,22,136	32,446	20,557	2,70,457	1,01,679		
SALT	4,14,529	85,284	4,91,465	95,061			76,936	9,777
SALTPETRE, &c.	62,538	28,568	64,327	28,036			1,983	
Other saline substances	20,224	4,530	14,648	3,521	5,576	1,009		
SEEDS	8,74,873	2,47,400	10,91,723	3,19,089			2,16,850	72,280
Mustard and rape ...	3,38,284	1,01,186	4,08,014	1,11,496			70,330	10,310
Til or gingelly ...	18,405	4,391	22,775	6,471			5,379	2,680
Other oilseeds ...	1,16,940	37,246	1,20,520	37,326			3,580	89
Indigo seed ...	4,834	871	6,864	2,491			2,030	1,620
TEA								
Tea seed ...	27,888	19,065	32,018	20,645			4,150	1,580
Other kinds ...	1,918	1,106	1,314	824	604	342		
SILK								
Do., manufactured (European)	333	298	338	256			12	5
Do., ditto (Indian) ...	16,091	11,832	20,768	16,138			4,677	4,506
Spices	1,14,601	16,625	98,764	14,670	15,837	1,955		
Stone and marble ...	2,40,617	64,988	2,61,879	82,306			13,262	17,318
SUGAR	2,48,116	38,026	2,34,477	48,128	13,639			10,102
Sugar, refined ...	1,908	729	664	825	1,245			96
Do., unrefined ...	1,018	1,605	1,016	1,600				
TEA	65,408	31,676	73,293	43,811			7,795	12,135
Do., Foreign ...	31,191	7,024	32,206	7,497			1,915	473
TOBACCO	54,507	5,398	41,216	3,391	13,291	2,007		
WOOD	2,406	1,970	1,265	1,027	1,141	243		
Firewood ...	429	1,112	451	1,132			22	20
Wool, raw ...								
Do., manufactured (European)								
Do., ditto (Indian) ...	814	661	786	540	25	112		
Wool, manufactured (Indian)								
Shawls ...	1,10,361	1,59,651	2,93,071	1,86,099			1,82,716	26,445
All other articles of merchandise	15,586	24,890	17,765	35,350			2,179	10,559
Government stores	89,385	14,294	1,03,217	20,597			18,832	6,393
Minerals								
Total	84,11,253	27,44,812	83,48,012	27,11,298	8,21,406	3,39,473	7,58,160	3,05,019

General remarks on the fluctuation of principal staples carried over the East Indian Railway during 4 weeks ended 23rd April 1887.

INCREASES.

Coal and coke.—There was a nominal decrease in the weight carried downwards, and increase in receipts. The increase in upwards traffic is both for ordinary consumers and for railways.

Cotton.—This was due to the favourable state of the market reported on for March continuing during the greater part of April.

Wheat.—This increase is in short distance traffic.

Rice (husked and unhusked).—The increase in this staple is principally in upwards despatches.

Opium.—This increase is due to the arrangements for sale made by Government.

Railway Materials, Foreign.—Due to despatches for the Indian Midland Railway and the Tirhoot State Railway.

DECREASES.

Piece-goods, European.—The Calcutta market during the month was dull, and the general report was that the amount of business put through was much less than usual for the season of the year.

Gunny.—This decrease may be ascribed both to the prospect of short supplies of grain in the North-West, Oudh, and the Punjab, and to the outturn of the mills at Cawnpore.

Gram and pulses.—Due to the despatches to Howrah being much less than usual.

Salt.—This is due to less demand in the Calcutta market than in March, and to diversion by Foreign Railways.

Seeds.—The decrease was principally in linseed, and was due to limited demand in Calcutta during the month.

Sugar and jaggree.—This is owing to poor crops in the district served by our stations Arrah to Dumraon.

Tobacco.—The decrease was chiefly in the despatches from our stations in the Patna district owing to poor crops.

Government stores.—Due to decreased despatches to Howrah.

N. ST L. CARTER, *Traffic Manager.*

TRAFFIC MANAGER'S OFFICE, JAMALPUR, the 9th June 1887.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.*			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	296,250	2,78,638 2 0	28,34,046 20	6,16,517 12 0	18,739 10 0	9,13,895 8 0	63,896	112,305	176,201
Or per mile of railway ...	.....	183 6 11	.....	405 13 11	12 5 6	601 10 3	.....	.....	.....
For previous 21 weeks of half-year ...	5,416,750*	61,03,769 4 0	5,79,57,189 10	1,46,12,745 1 3	4,00,441 6 4	2,11,16,953 11 7	1,424,130	2,435,069	3,859,199
Total for 22 weeks ...	5,713,000	63,82,407 6 0	6,07,91,235 30	1,52,29,209 13 3	4,10,181 0 4	2,20,30,849 3 7	1,488,026	2,547,374	4,035,400
COMPARISON.									
Total for corresponding week of previous year ...	244,365	2,59,270 2 10	30,27,350 10	7,39,615 14 3	17,735 5 8	10,16,620 6 9	66,159	142,563	208,722
Per mile of railway corresponding week of previous year ...	.....	171 2 2	.....	488 3 1	11 11 4	671 0 7	.....	.....	.....
Total to corresponding date of previous year ...	5,395,600	62,02,324 10 8	6,27,44,209 0	1,53,85,647 11 3	4,89,044 4 8	2,20,08,916 10 7	1,489,135	2,635,403	4,124,538

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
1,515	Rs. 10,16,620	Rs. 671	1,519	Rs. 9,13,896	Rs. 602	1,515	Rs. 96,55,436	Rs. 6,373	1,519	Rs. 93,06,527	Rs. 6,127	.....	3,48,909

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.*			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,217	5,412 15 0	49,295 20	2,814 4 0	42 10 0	8,269 13 0	1,532	862	2,394
Or per mile of railway ...	214	94 10 1	862 0	49 3 3	0 11 11	144 9 3	.....	.....	.....
For previous 21 weeks of half-year ...	297,879*	1,54,980 13 0*	12,53,785 10†	74,196 6 9†	1,129 10 3‡	2,20,216 14 0	35,160	19,591	54,751
Total for 22 weeks ...	310,096	1,60,393 12 0	13,03,078 30	76,920 10 9	1,172 4 3	2,38,486 11 0	36,692	20,453	57,145
COMPARISON.									
Total for corresponding week of previous year ...	12,583‡	5,406 4 7	49,892 0	2,054 6 0	31 13 0	7,552 1 7	1,568	1,056	2,624
Per mile of railway corresponding week of previous year ...	226	95 9 0	872 10	35 14 7	0 8 11	132 0 6	.....	.....	.....
Total to corresponding date of previous year ...	292,056‡	1,51,720 15 8	11,94,124 30	81,334 12 0	1,082 11 3	2,34,138 6 11	36,842	20,531	57,373

* Deducted number of passengers 363 and Rs. 1,615 0 0 }
 † Added Mds. 22,471-30 and " 259 15 0 } on account of differences between the approximate and audited returns to week ended 30th April 1887.
 ‡ Deducted " 19 15 9 }

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
57½	Rs. 7,552	Rs. 132	57½	Rs. 8,270	Rs. 145	57½	Rs. 1,00,738	Rs. 1,761	57½	Rs. 90,230*	Rs. 1,577	.....	10,508

* Deducted Rs. 1,375 on account of difference between the approximate and audited figures to week ended 30th April 1887.

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	3,683	621 0 0	14,539 0	440 8 0	9 12 0	1,071 4 0	201½	292	493½
per mile of railway	.....	51 12 0	.....	36 11 4	0 13 0	89 4 4	.....	.....	.....
for previous 21 weeks of half-year	65,997*	10,927 14 0*	4,22,018 20†	11,839 10 0†	179 13 6‡	22,947 5 6	6,913	3,521	10,434
Total for 22 weeks	68,780	11,548 14 0	4,36,557 20	12,280 2 0	189 9 6	24,018 9 6	7,114½	3,813	10,927½
COMPARISON.									
Total for corresponding week of previous year	3,315½	557 14 1	22,901 0	598 10 0	16 11 3	1,173 3 4	217	276	493
per mile of railway corresponding week of previous year	.....	46 7 10	.....	40 14 2	1 6 3	97 12 3	.....	.....	.....
Total to corresponding date of previous year	64,052½	10,906 1 3	7,29,972 0	13,485 0 0	1,015 0 0	25,466 1 3	4,676	6,508	11,184

* Added No. of passengers 617 and Rs. 129 0 0 }
 † Added Mds. 1,097-30 and deducted " 32 5 0 } on account of differences between the approximate and audited returns to week ended 30th April 1887.
 ‡ Deducted " 1 15 3 }

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
12	1,173	98	12	1,071	89	12	13,229	1,102	12	11,207*	934	.....	2,022

* Added Rs. 95 on account of difference between the approximate and audited figures to week ended 30th April 1887.

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	8,396	6,682 9 0	99,293 10	4,312 15 0	127 10 0	11,123 2 0	683	1,191½	1,874½
per mile of railway	.....	89 5 5	.....	57 10 7	1 11 3	148 11 3	.....	.....	.....
for previous 21 weeks of half-year	134,972*	95,798 0 0*	21,69,062 20†	194,413 6 0†	2,423 2 9‡	1,92,629 9 3	15,677½	25,654	41,331½
Total for 22 weeks	133,368	1,02,475 9 0	22,68,370 30	98,726 5 6	2,550 12 9	2,03,782 11 3	16,360½	25,845½	42,206½
COMPARISON.									
Total for corresponding week of previous year	5,356½	4,742 11 8	74,952 30	2,858 11 0	136 13 3	7,738 3 11	659	1,335	1,994
per mile of railway corresponding week of previous year	.....	63 6 6	.....	38 3 6	1 13 3	103 7 3	.....	.....	.....
Total to corresponding date of previous year	124,322½	98,413 14 16	18,05,414 0	77,282 10 6	2,285 3 3	1,77,981 12 7	24,108	24,759	48,867

* Added number of passengers 505 and Rs. 226 0 0 }
 † Deducted mds. 1,077-30 and " 3 11 0 } on account of differences between the approximate and audited returns to week ended 30th April 1887.
 ‡ Added " 82 15 9 }

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
74	7,738	103	74½	11,123	149	74½	71,174	952	74½	*82,435	1,102	11,201	.....

* Added Rs. 395 on account of difference between the approximate and audited figures to week ended 30th April 1887.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	19,576	5,378 7 6	8,785 10	297 8 0	9 9 0	5,685 8 0	902	66	968
Or per mile of railway...	.....	241 11 8	.....	13 5 11	0 6 10	255 8 5	.....	.....	.....
For previous 21 weeks of half-year...	434,677*	1,14,591 11 0*	1,77,784 20†	6,122 2 6†	149 6 0†	1,20,863 3 0	19,898	964	20,862
Total for 22 weeks...	454,253	1,19,970 2 0	1,86,569 30	6,419 10 0	158 15 0	1,25,548 11 0	20,800	1,030	21,830
COMPARISON.									
Total for corresponding week of previous year...	16,155‡	4,137 9 0	6,823 10	280 8 0	7 7 6	4,425 8 6	906	61	967
Per mile of railway corresponding week of previous year...	.....	185 15 4*	.....	12 9 9	0 5 4	198 14 5	.....	.....	.....
Total to corresponding date of previous year...	453,537	1,20,491 3 11	2,36,383 30	8,214 4 0	155 8 11	1,28,861 0 10	22,236	2,532	24,768

* Added number of passengers 9,905 and Rs. 1,696 0 0 }
 † Added Mds. 407-30 and " 5 8 0 } on account of differences between the approximate and audited returns to week ended 30th April 1887.
 ‡ Ditto " 10 7 3 }

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.*			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
22½	4,426	199	22½	5,686	256	22½	56,563	2,542*	22½	55,900*	2,516	.....	675

* Added Rs. 1,682 on account of differences between the approximate and audited figures to week ended 30th April 1887.

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	5,940	2,332 2 3	67,335 10	4,615 10 0	28 10 0	6,076 6 3	191	649	840
Or per mile of railway...	.....	55 8 5	.....	109 14 4	0 10 11	166 1 8	.....	.....	.....
For previous 21 weeks of half-year...	57,050*	26,255 15 0*	10,44,764 0†	64,573 14 0†	657 4 3‡	91,487 1 3	3,096	12,468	15,564
Total for 22 weeks...	62,990	28,588 1 3	11,12,299 10	69,189 8 0	685 14 3	98,463 7 6	4,187	13,117	17,304
COMPARISON.									
Total for corresponding week of previous year...	2,565‡	1,092 8 4	13,109 0	1,673 7 0	11 5 0	2,677 4 4	342	246	588
Per mile of railway corresponding week of previous year...	.....	26 0 2	.....	37 7 5	0 4 4	63 11 11	.....	.....	.....
Total to corresponding date of previous year...	22,066	9,802 6 9	1,50,313 0	11,863 3 3	207 9 5	21,873 3 3	3,093	2,541	5,634

* Deducted No. of passengers 410 and Rs. 4 0 0 }
 † Added Mds. 449-20 and deducted " 1,851 8 0 } on account of differences between the approximate and audited returns to week ended 30th April 1887.
 ‡ Deducted " 45 2 6 }

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
42	2,677	64	42	6,076	166	42	21,872	521	42	41,894*	997	20,012	.....

* Deducted Rs. 1,901 on account of difference between the approximate and audited figures to week ended 30th April 1887.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D., AND ASSAM-BEHAR SECTIONS)

Approximate Return of Traffic for week ending 28th May 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including Steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		RS. A. P.	MDS. S.	RS. A. P.	RS. A. P.	RS. A. P.			
Total traffic for the week ...	114,355	53,830 0 0	(a) 7,54,521 0	(a) 79,380 0 0	20,130 0 0	1,53,340 0 0	19,800	(a) 20,488	40,348
Or per mile of railway ...	177	83 0 0	1,170 0	123 0 0	.....	206 0 0	.....	.....	.....
For previous 20 weeks of half-year ...	2,719,262	12,77,857 0 0	1,05,61,314 0	15,85,766 0 0	2,54,318 0 0	30,67,841 0 0*	395,132	385,875	781,007
Total for 21 weeks ...	2,833,617	13,31,687 0 0	1,13,15,835 0	16,15,146 0 0	2,74,348 0 0	32,21,181 0 0	414,992	406,363	821,355
COMPARISON.									
Total for corresponding week of previous year ...	120,110	59,166 0 0	(a) 7,44,617 0	(a) 70,118 0 0	20,014 0 0	1,49,298 0 0	17,160	(a) 18,717	35,877
Per mile of railway corresponding period of previous year ...	198	97 0 0	1,229 0	116 0 0	.....	213 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,714,600	12,32,487 0 0	1,27,27,546 0	16,30,628 0 0	2,80,499 0 0	31,43,614 0 0	365,313	451,804	817,117

* Audited up to 31st March 1887.

(a) Includes ballast trains.

NOTE.—Dacca and Assam-Bihar sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
606	1,49,298	246	645	1,53,340	238	606	11,74,767	242	645	11,40,488	211	.....	34,279

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 4th June 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		RS. A. P.	MDS. S.	RS. A. P.	RS. A. P.	RS. A. P.			
Total traffic for the week ...	165,830*	70,650 0 0*	3,77,020 0	53,100 0 0	10,620 0 0	1,34,370 0 0	19,843	15,475	35,318
Or per mile of railway ...	257	110 0 0	585 0	82 0 0	.....	192 0 0	.....	.....	.....
For previous 21 weeks of half-year ...	2,833,617	13,31,687 0 0	1,13,15,835 0	16,15,146 0 0	2,74,348 0 0	32,21,181 0 0†	414,992	406,363	821,355
Total for 22 weeks ...	2,999,447	14,02,337 0 0	1,16,93,455 0	16,68,246 0 0	2,84,968 0 0	33,55,551 0 0	434,835	421,838	856,673
COMPARISON.									
Total for corresponding week of previous year ...	116,520	55,583 0 0	3,84,108 0	57,289 0 0	11,304 0 0	1,24,076 0 0	17,219	16,040	33,259
Per mile of railway corresponding period of previous year ...	192	93 0 0	634 0	94 0 0	.....	186 0 0	.....	.....	.....
Total to corresponding date of previous year ...	2,831,020	12,88,070 0 0	1,31,11,654 0	16,87,917 0 0	2,91,703 0 0	32,67,690 0 0	382,532	407,844	850,376

* Increase due to Dassahora bathing festival.

† Audited up to 31st March 1887.

NOTE.—Dacca and Assam-Bihar sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 31st JUNE 1886.			RECEIPTS FOR WEEK ENDING 4th JUNE 1887.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO WEEK ENDING 31st JUNE 1886.			TOTAL RECEIPTS FROM 1st APRIL 1887 TO WEEK ENDING 4th JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
606	1,24,076	205	645	1,34,370	208	606	12,98,843	238	645	12,74,858	220	.....	23,985

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	45,000*	18,000 0 0	45,000 0	3,000 0 0	40 0 0	21,040 0 0	3,996	1,424	5,420
Or per mile of railway ...	336	144 0 0	360 0	24 0 0	.....	168 0 0	.....	.....	.....
For previous 21 weeks of half-year ...	526,471	1,78,882 0 0	8,56,434 0	55,282 0 0	1,001 0 0	2,35,165 0 0†	80,140	30,343	1,10,483
Total for 22 weeks ...	568,471	1,96,882 0 0	9,01,434 0	58,282 0 0	1,041 0 0	2,56,205 0 0	84,136	31,767	1,15,903
COMPARISON.									
Total for corresponding week of previous year ...	24,948	8,895 0 0	19,863 0	1,404 0 0	28 0 0	10,417 0 0	4,190	1,020	5,210
Per mile of railway, corresponding period of previous year ...	190	71 0 0	159 0	12 0 0	.....	83 0 0	.....	.....	.....
Total to corresponding date of previous year ...	540,629	1,90,145 0 0	8,21,249 0	48,431 0 0	654 0 0	2,39,230 0 0	86,311	29,927	1,16,238

* Increase due to Dasahara bathing festival.
† Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
125	10,417	83	125	21,040	168	125	1,00,877	90	125	1,13,294	101	12,417	.....

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,273	3,640 0 0	3,630 0	500 0 0	60 0 0	4,200 0 0	2,161	803	2,964
Or per mile of railway ...	131	42 0 0	42 0	6 0 0	.....	48 0 0	.....	.....	.....
For previous 20 weeks of half-year ...	259,470	87,341 0 0	3,20,251 0	26,794 0 0	3,106 0 0	1,17,241 0 0*	44,342	23,680	68,022
Total for 21 weeks ...	270,743	90,981 0 0	3,32,881 0	27,294 0 0	3,166 0 0	1,21,441 0 0	46,503	23,483	69,986
COMPARISON.									
Total for corresponding week of previous year ...	9,579	3,146 0 0	3,029 0	465 0 0	57 0 0	3,668 0 0	993	397	1,390
Per mile of railway, corresponding period of previous year ...	111	37 0 0	35 0	5 0 0	.....	42 0 0	.....	.....	.....
Total to corresponding date of previous year ...	262,333	58,381 0 0	3,21,051 0	28,354 0 0	4,933 0 0	91,668 0 0	17,704	33,439	51,143*

* Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
86	2,668	43	86	4,200	49	86	36,366	53	86	37,905	55	1,539	.....

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	12,000	4,000 0 0	6,500 0	480 0 0	50 0 0	4,530 0 0	1,802	600	2,402
Or per mile of railway ...	140	46 0 0	76 0	6 0 0	.....	52 0 0	.....	.....	.....
For previous 21 weeks of half-year ...	270,743	90,981 0 0	3,32,881 0	27,294 0 0	8,166 0 0	1,21,441 0 0*	46,503	23,483	69,986
Total for 22 weeks ...	282,743	94,981 0 0	3,39,381 0	27,774 0 0	8,216 0 0	1,25,971 0 0	48,305	24,083	72,388
COMPARISON.									
Total for corresponding week of previous year ...	9,915	3,194 0 0	4,082 0	440 0 0	71 0 0	3,705 0 0	933	397	1,330
Per mile of railway corresponding period of previous year ...	115	37 0 0	48 0	5 0 0	.....	42 0 0	.....	.....	.....
Total to corresponding date of previous year ...	212,248	61,575 0 0	3,25,133 0	25,794 0 0	5,004 0 0	95,578 0 0	18,637	33,836	52,473

* Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
86	3,705	43	86	4,530	53	86	40,071	52	86	42,435	55	2,364	.....

ASSAM-BEHAR STATE RAILWAY.

PURNEAH SECTION.

Approximate Return of Traffic for week ended 28th May 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,507	860 0 0	26,289 0	2,610 0 0	20 0 0	3,490 0 0	470	608	1,073
Or per mile of railway ...	64	22 0 0	674 0	67 0 0	.....	89 0 0	.....	.....	.....
For previous 7 weeks of half-year ...	18,752	6,351 0 0	1,75,232 0	17,395 0 0	100 0 0	23,846 0 0	3,424	4,430	7,854
Total for 8 weeks ...	21,259	7,211 0 0	2,01,521 0	20,085 0 0	120 0 0	27,336 0 0	3,894	5,038	8,932
COMPARISON.									
Total for corresponding week of previous year...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 28TH MAY 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 28TH MAY 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
39	.....	39	39	3,490	89	39	.....	.....	39	27,536	88	27,336	.....

ASSAM-BEHAR STATE RAILWAY.

PURNEAH SECTION.

Approximate Return of Traffic for week ended 4th June 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,330	950 0 0	15,270 0	1,270 0 0	20 0 0	2,240 0 0	470	608	1,078
Or per mile of railway ...	60	24 0 0	392 0	33 0 0	...	57 0 0	...	...	...
For previous 8 weeks of half-year ...	21,259	7,211 0 0	2,01,521 0	20,005 0 0	120 0 0	27,336 0 0	3,894	5,038	8,932
Total for 9 weeks ...	23,589	8,161 0 0	2,16,791 0	21,275 0 0	140 0 0	29,576 0 0	4,364	5,646	10,010
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding period of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.					Rs.	Rs.	Rs.	
...	...	...	39	2,240	57	...	...	...	39	29,576	84	29,576	...

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 4th June 1887, on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	87,544	14,253 6 10	1,61,240 0	15,077 13 0	3,514 14 0	32,846 1 10	6,022	6,247	12,269
Or per mile of railway ...	151	57 4 0	648 0	60 9 0	2 14 0	120 11 0*	...	...	...
For previous 21 weeks of half-year ...	810,206	3,10,370 0 2	35,18,574 0	3,40,230 3 0	65,075 2 0	7,20,584 14 2	119,197	124,414	243,611
Total for 22 weeks ...	897,750	3,24,624 0 0	36,79,814 0	3,64,317 0 0	70,490 0 0	7,59,431 0 0	125,219	130,661	255,880
COMPARISON.									
Total for corresponding week of previous year on 246 miles open ...	99,259	13,566 13 0	1,69,074 0	15,945 8 0	3,611 0 11	33,123 13 11	5,920	4,497	10,417
Per mile of railway corresponding week of previous year ...	119	55 2 0	687 0	64 13 0	1 1 0	121 0 0*	...	...	...
Total to corresponding date of previous year ...	476,422	2,78,075 6 4	29,38,580 10	2,93,672 5 5	67,061 0 7	6,38,890 2 4	108,837	111,988	220,825

* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.					Rs.	Rs.	Rs.	
...	...	...	249	32,846	132	246	3,08,010	1,236	240	3,46,399	1,391	37,489	...

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 4th June 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,892	1,433 0 0	9,306 0	688 0 0	23 0 0	2,157 0 0	509	254	763
Or per mile of railway ...	140	52 9 0	342 0	25 10 0	0 15 0	79 2 0	...	...	...
For previous 21 weeks of half-year ...	62,345	23,521 0 0	2,65,396 0	15,449 0 0	520 0 0	39,490 0 0	10,761	7,166½	17,927½
Total for 22 weeks ...	66,167	24,954 0 0	2,74,702 0	16,147 0 0	543 0 0	41,647 0 0	11,270	7,420½	18,690½
COMPARISON.									
Total for corresponding week of previous year ...	2,200½	864 14 3	4,639 10	364 7 0	9 2 0	1,238 7 3	509	254	763
Per mile of railway corresponding week of previous year ...	81	31 12 0	170 0	13 6 0	0 5 0	45 7 0	...	...	...
Total to corresponding date of previous year ...	56,920½	22,656 13 3	1,77,972 20	13,453 4 6	569 8 5	36,679 10 2	11,343	5,879	17,222

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 4TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
27½	1,238	45	27½	2,157	79	27½	16,124	592	27½	17,786	655	1,662	...



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 22, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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PILGRIMAGE TO MECCA.

POLITICAL—No. 2036P.

Calcutta, the 17th June 1887.

From—H. A. D. PHILLIPS, Esq., Under-Secretary to the Government of Bengal,
To—MESSRS. THOMAS COOK and SON, 11, Old Court House Street, Calcutta.

I AM directed to acknowledge the receipt of your letter No. $\frac{O}{A} \frac{13}{388}$, dated the 2nd instant, and in reply to say that the Lieutenant-Governor approves of the following additions to paragraphs 22 and 23 of your prospectus* approved by the Government of India, in the Home Department, in their Resolution No. 2—102-14, dated the 3rd ultimo, regarding the arrangements for the conveyance of pilgrims to Jeddah and back:—

Messrs. Thomas Cook and Son have also arranged for pilgrims to travel from Calcutta to Jeddah by steamer weekly, starting on or about every Sunday, transshipping at Bombay into the special steamers aforementioned in the Notice at the following rates, including landing and embarkation charges at Jeddah—

		Rs.	A.	P.
Single journey, deck-passage	...	50	8	0
Return journey ditto	...	86	0	0

Messrs. Cook and Son have also arranged for through tickets to be issued from Chittagong to Jeddah by the B. I. S. N. Company's weekly

* Published at pages 881-82 of the Supplement to the Calcutta Gazette of the 15th May 1887.

mail steamer leaving Chittagong from the 1st June to the 14th July, inclusive, changing steamers at Calcutta and Bombay at the rates mentioned below:—

			Rs.	A.	P.
Single journey, deck-passage	...	...	56	8	0
Return journey, ditto	...	...	98	0	0

The cost of through tickets by railway from Calcutta to Bombay, and thence by the special steamers to Jeddah, inclusive of landing and embarkation charges at Jeddah, is as follows:—

					Rs.	A.	P.
First class	...	...	...	...	172	8	0
Second „	...	...	...	...	96	8	0
Third „	...	...	...	...	50	5	0

The charge for return tickets to enable pilgrims to return either this or next year is—

					Rs.	A.	P.
First class	...	...	...	...	278	4	0
Second „	...	...	...	...	154	10	0
Third „	...	...	...	...	85	10	0

Circular No. 22P.

COPY forwarded to all Commissioners of Divisions, in continuation of the circular from this office, No. 21P, dated the 1st instant, for communication to District and Sub-divisional Officers for information and guidance. Messrs. Thomas Cook and Son have appointed Mr. A. Akin-Higgins as their Agent in Calcutta, from whom tickets can be obtained either by the Collectors of districts or by the intending pilgrims themselves.

ANGLO-ARABIC SCHOOL AT PATNA.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 18th June 1887.

RESOLUTION.

READ the undermentioned correspondence regarding the Anglo-Arabic School at Patna—

A petition of the members of the Muhammadan Education Committee of Patna received in January 1886.

Letter to the Commissioner of the Patna Division, No. 25, dated 15th January 1886.

Letter from the Commissioner of the Patna Division, No. 175G, dated 27th March 1886.

Letter to the Commissioner of the Patna Division, No. 348, dated 10th April 1886.

Letter from the Commissioner of the Patna Division, No. 366G, dated 7th June 1886, and enclosures.

Letter to the Director of Public Instruction, No. 500T—G, dated 22nd June 1886.

Letter from the Director of Public Instruction, No. 5372, dated 9th August 1886, and enclosures.

Letter from the Commissioner of the Patna Division, No. 629G, dated 28th September 1886, and enclosure.

Letter to the Director of Public Instruction, No. 1043, dated 21st October 1886.

Letter from the Director of Public Instruction, No. 1442, dated 24th February 1887, and enclosures.

Letter from the Commissioner of the Patna Division, No. 90G, dated 26th February 1887, and enclosures.

Letter to the Director of Public Instruction, No. 190, dated 16th March 1887.

Letter from the Director of Public Instruction, No. 2328, dated 28th March 1887.

Letter from the Director of Public Instruction, No. 3233, dated 9th May 1887.

In the memorial, dated January 1886, referred to in the preamble, the members of the Muhammadan Education Committee of Patna, having expressed their conviction that the absence of any provision for religious education is the main cause which has hitherto prevented Muhammadans from sending their children to Government institutions for education, informed the Lieutenant-Governor that they had established a school at Patna on the model of the Aligarh Collegiate School, where arrangements had been made, not only for the secular instruction of the members of all creeds, but also for the religious education of Sunnis and Shias. In the Patna Anglo-Arabic School, it was added, special provision had been introduced for imparting to Muhammadis (Wahabis) religious teaching based upon their own principles. The school was opened in March 1884, and on the date of the petition it had 200 students, of whom 97 were Sunnis, 29 Shias, 26 Muhammadis, and 47 Hindus. The memorialists asked Government to assist them by acquiring a site for school buildings, by making a grant of the interest of the Behar Industrial School Fund, by making a money grant from the Wahabi Fund, and by a grant-in-aid from public funds.

2. It has been ascertained that the Municipal Commissioners of Patna have subscribed Rs. 66 a month, recently increased to Rs. 100 per month, towards the support of the School, and that an income of Rs. 308 per month is realised from fees and subscriptions. The institution appears to be properly conducted, on the plan laid down by the founders. The Lieutenant-Governor, considering these circumstances, and desiring to take every promising opportunity to promote education among Muhammadans, is pleased to sanction a grant-in-aid of Rs. 100 a month, with effect from the 1st July 1886, and also a donation of Rs. 15,000 from the Wahabi Fund, formed from the proceeds of forfeited estates. The latter sum will be invested in Government securities in the name of the Controller-General, the interest being paid for the benefit of the School, as long as it is properly conducted, and the principal will be made over to the managers as soon as the institution shall have given sufficient proof of permanent stability. With regard to the acquisition of a new site, the local officers will give every assistance in the selection, and Government will contribute an additional sum of Rs. 5,000 from the Wahabi Fund towards paying the cost of acquisition. Sir Stuart Bayley considers that there is an

objection to the assignment to what is, to some extent, a denominational institution of money raised from the public generally for the Behar Industrial School.

3. The Lieutenant-Governor notices with pleasure the interest taken by Nawab Syed Wilayat Ali Khan, C.I.E., Moulvi Syed Ahmed Hossein, Moulvi Mahomed Hosseip, Moulvi Khoda Baksh, Khan Bahadur, and many other Muhammadan gentlemen in the foundation of this Anglo-Arabic School, and hopes that others may be found willing to follow the excellent example set by the residents of Patna.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Director of Public Instruction, and the Commissioner of the Patna Division, for information, and to the Financial Department of this Office for information and communication to the Accountant-General.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 18th June 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.	
BENGAL.				
Western Districts				
BURDWAN DIVN.	1 Burdwan. June 18, '87	0.84	Weather—hot and cloudy at intervals. Prospects of crops good. Sugarcane doing well. Price of rice 22 to 28 seers per rupee. Public health good, but a few cases of fever in the Sudder sub-division.	
	Culna ...	0.35		
	Cutwa ...	2.31		
	Rancegunge ...	1.17		
	2 Bankoora „ 18, '87	1.96		
	3 Beerbhoom „ 18, „	1.36	Weather—unsettled and cloudy. Seedlings doing well. Fields are being prepared. Standing crops good. Prices unchanged. Public health good. Weather—very unsettled; hot, with frequent storms of rain and mist. Transplanting of paddy has commenced. <i>Til</i> will soon be reaped; outturn not expected to reach 8 annas of an average crop owing to damage done by late showers. Public health excellent.	
		Rampore Haut ...		0.75
		4 Midnapore „ 18 '87		1.45
	5 Hooghly „ 18, „	3.52	Weather—sultry. State and prospects of crops excellent.	
		Serampur ...		1.45
Jehanabad ...		0.88		
Howrah ...	.....	Report not received.	
Central Districts				
PRESIDENCY DIVN.	6 24-Pargahs. June 21, '87	2.33	Weather—hot with occasional rain. <i>Aus</i> sowing still continues. Prospects promising. Public health generally good.	
	7 Nuddes „ 18, „	3.16	Weather—sultry with showers. Prospects of crops fair.	
		Kushtea ...		3.47
		Meherpore ...		1.33
		Chudanga ...		2.69
	8 Khosra „ 18 '87	4.39	Weather—hot and cloudy with occasional rain. Ploughing continues. Prospects favourable. Public health good.	
	9 Jessore „ 18, „	3.94	Weather—hot, with occasional showers. Paddy plants thriving. Prospects good. In Narail rivers are rising unusually high, and slight injuries have been done to the crops in the lowest part of the wheels. Public health good.	
		Jhenidah ...		1.06
		Magurah ...		1.68
		Narail ...		1.51
	Bongong ...	2.26		
	10 Moorshedabad „ 18 '87	2.02	Weather—very hot, cloudy at intervals. <i>Amun</i> being sown. Jute and sugarcane promising. Public health good.	
		Lalbagh ...		2.78
		Kandi ...		2.82
		Jungipur ...		3.53
	11 Dinajpore „ 18, '87	6.82	Weather—cloudy, with some heavy showers and steady light rain. Prospects of <i>bhadai</i> fair. Jute damaged by rain and not expected to yield more than 10 annas. Rice 23 seers per rupee.	
		Thakurgaon ...		6.82
	12 Rajshahye „ 18, '87	2.42	Weather—hot and cloudy. Floods subsiding. Paddy and jute where not injured by floods thriving. In parts fresh sowings taking place. Price of rice in Nowgong risen from 25 to 20 seers per rupee. Public health generally good.	
		Natore ...		1.73
		Nowgong ...		2.46
13 Rangpur „ 18, „	13.97	Crops generally doing very well, except where floods have injured them. Health of the district improving.		
	Gaibanda ...		4.79	
	Kurigram ...		1.37	
	Nilphamari ...		12.00	
14 Bogra „ 18, '87	3.04	Rain on every day except 13th at the Sudder station; very little sun during the week; weather at times very close and sultry. Ploughing going on and sowing of <i>amun</i> crop has commenced. Heavy rain has done considerable damage to crops. Public health fair. A few cases of cattle-disease still reported from Khetla thanmah.		
	Sherpur ...		1.14	
	Nowkhilla ...		1.40	
15 Patna „ 18, '87	0.69	Weather—sultry. Prospects of crops good. General health good.		
	Seraingunge ...		0.35	
16 Darjeeling „ 18, '87	7.03	Rains have evidently commenced. State and prospects of crops fair.		
17 Jalpigoree „ 18 „	12.46	Heavy rain throughout the week, generally clearing in the afternoon and coming on at night. Too much rain has favoured the growth of weeds. Jute has suffered, though in some places it is favourably reported on. Sugarcane doing well. On the whole prospects of all crops are good. Cholera abating fast, but still present in places.		
Eastern Districts				
Dacca Division.	18 Dacca. June 18, '87	3.06	Weather—hot and cloudy. Cultivation of <i>shail</i> and <i>aus</i> paddy going on. Damage to paddy crops in parts of the district is anticipated owing to rapid rise of rivers. Public health good.	
	Manickgunge ...	0.73		
	Munsifgunge ...	1.40		
	Narsingunge ...	2.83		
	19 Farreedpore „ 18, '87	3.19	Weather—hot and cloudy. Prospects of paddy, jute and other crops very good. Public health fair.	
		Goalundo ...		1.48
		Madarijore ...		1.62
	20 Backergunge „ 17, '87	1.59	Weather—hot and rainy with occasional high winds. Cultivation of <i>amun</i> going on. <i>Aus</i> partially damaged by flood. General health good.	
	21 Mymensingh June 17, '87	2.55	Rain with strong winds. Rivers falling. Prospects of crops good.	
		Jamainpur ...		1.19
		Kishoregunge ...		3.52
		Netrokona ...		3.45

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—contd.			
Eastern Districts—contd.			
CHITTAGONG DIV.	22 Chittagong, June 21, '87	5.89	Weather—seasonable. Transplantation goes on. Extraordinary high tide at the end of May damaged some coast lands in Cox's Bazar. Prices stationary. Cholera still reported; public health otherwise good.
	23 Noakhali „ 17 „	2.05	Weather—seasonable. Prospects of crops fair. Public health much improved.
	24 Tipperah „ 16, '87	3.63	Weather—most seasonable, rain falling almost every day. Prospects in every respect good. Very little sickness.
	25 Chittagong Hill Tracts „ 14, '87	2.66	Weather—cloudy, with occasional sunshine throughout the week. Sowing in <i>jooms</i> nearly completed. Lands are being ploughed for late rice. General health good.
	Hill Tipperah „ 15 „	5.41	Weather—cloudy and rainy. Prospects of <i>aus</i> paddy good. Sugarcane doing well. <i>Joom</i> cultivation nearly over. Public health good.
BEHAR.			
PARA DIV.	26 Patna, June 18, '87	2.10	Weather—hot with occasional showers. <i>Bhadoi</i> sowings going on. Preparations are being made for paddy sowings. Sugarcane promising. Cholera still prevailing in the Barh and Behar sub-divisions; otherwise public health good.
	27 Gaya „ 18 „	1.86	Weather—hot. <i>Bhadoi</i> being sown. Cholera, fever and small-pox reported from all the sub-divisions.
	28 Sheikhabad „ 18 „	2.45	Weather—cloudy and fair alternately. <i>Bhadoi</i> sowing in progress. Fields being prepared for paddy. Sporadic cases of cholera in the interior of the district; public health otherwise fair. Prices stationary.
	29 Buxar „ 18 „	2.38	
	30 Sasseram „ 18 „	2.25	
	29 Darbhanga „ 18 „	4.11	Weather—occasionally cloudy. Prospects of early rice continue satisfactory. <i>Bhadoi</i> sowings in progress. Indigo looks very promising. Prices rising slightly. Cholera reported from the Madhubani and Tajpur sub-divisions.
	30 Mozufferpore „ 18, '87	5.78	Weather—variable, being rainy and hot alternately. Sowings of <i>bhadoi</i> are vigorously in progress. Standing crops are in good condition, and prospects are excellent. Cholera cases have decreased, but not completely disappeared; public health otherwise good.
BAGULPORE DIV.	Hajipur „ „	1.53	
	31 Saran „ 18 „	1.54	Weather—damp and sultry. Agricultural operations in full swing. Cholera still reported.
	Sewan „ „	0.31	
	Gopalgunge „ „	0.56	
	32 Chhapra „ 18 „	1.77	Weather—very hot, often cloudy. Rainfall of the week has benefited the standing crops, and pushed the progress of <i>bhadoi</i> sowings. Prices stationary. Cholera prevails in all parts of the district, but is abating.
	Bettiah „ „	1.25	
	33 Mooghya, June 18, '87	1.63	Weather—very hot and close, with occasional clouds and rain. Prospects of crops continue good. Sowings of <i>bhadoi</i> and winter rice in progress. Cholera still prevails in the district, but somewhat abated in places.
	Begusarai „ „	0.70	
	Jamui „ „	1.51	
	34 Bhagalpore „ 18 „	2.68	Rains have set in now. Sowing in full swing and transplanting begun. <i>Moong</i> crop in the north poor, and mango crop everywhere an utter failure. Indigo prospects going off a little. Cholera fast abating.
	Banka „ „	1.32	
	Sopole „ „	4.79	
	Mudhepoora „ „	2.98	
	35 Purnea „ 18 „	4.24	Weather—cloudy, with heavy showers; latterly bright. With exception of indigo and to some extent jute, no crop appears to have suffered from the heavy rain.
	Kishengunge „ „	4.56	
	Arrareah „ „	3.60	
	36 Malda „ 18, '87	2.74	Weather—hot and sultry; fine and cloudy alternately with occasional showers. <i>Boro</i> harvest is now over in most places; outturn good. <i>Bhadoi</i> crops are thriving, and are being weeded. Winter paddy is being sown. Price of common rice 22 seers per rupee. Public health good.
	Chanchal „ „	0.58	
	Shibgunge „ „	3.57	
	37 Southal Pergna „ 18 „	1.23	Weather—south and east winds, cloudy with occasional showers. Rice sowing and ploughing for Indian-corn is proceeding. Sugarcane good. Public health fair.
	Deoghur „ „	1.87	
	Goida „ „	0.47	
	Jamtara „ „	1.29	
	Rajmahal „ „	1.93	
	Pakour „ „	2.08	
ORISSA.			
ORISSA DIV.	38 Cuttack, June 17, '87	1.99	Weather—still unsettled; cloudy with showers of rain occasionally. Rice plants are growing well. Sowing of rice still going on in many places. Common rice sells at 18½ seers per rupee in town. Public health generally good. Cholera and cattle-disease reported from some parts of the Kendrapara sub-division.
	39 Puri „ 16 „	1.10	Weather—stormy. Sowing of <i>sarad</i> crop is still going on. Common rice 24 seers per rupee in the Sudder sub-division and 22 seers 11 chittacks in the Khoorda sub-division. A few cases of cholera reported from the town.
	Khoorda „ „	2.0	
ORISSA DIV.	40 Bhatkote „ 17 „	2.16	Weather—hot and cloudy with occasional showers. Ploughing and sowing of rice going on vigorously; plants coming up in places. Miscellaneous crops doing well. Public health generally good.

No.	District and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh, June 17, '87	0.80	Weather—very unsettled. Monsoon seems to have burst. Sowings of all rainy season crops in progress. Sugarcane doing well. General health good.
42	Lohardugga Palamow " 18 "	1.74 0.10	Weather—seasonable. Rain throughout the district. Ploughing and sowing going on. No change in prices. Cholera and small-pox reported from Palamow; otherwise public health good.
43	Singbhoom " 17 "	0.75	Showers with thunder-storms during week; no heavy rain; temperature lower. Prospects good. Agricultural operations in full swing. Public health good.
44	Manbhoom Govindpur " 18 "	1.42 0.60	Weather—cloudy with occasional showers. Paddy being sown, sugarcane and indigo growing well. Prospects good. Public health on the whole good. Sporadic cholera in pergunnah Patkum.

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 21st June 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).		
		Present return. *	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.																
Western Districts.																
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
1	Burdwan ...	14 0	14 0	16 0	40 0	40 0	...	18 12	19 8	15 0	23 4	24 0	18 12	...	...	...
2	Bankoora ...	15 12	15 12	18 8	20 0	20 0	23 8	19 0	19 0	19 8	23 12	24 12	22 8	...	...	...
3	Beerbhoom ...	18 12	18 12	20 0	...	...	...	18 0	18 0	15 0	24 0	24 0	18 0	...	...	...
4	Midnapore ...	16 0	17 8	18 0	...	...	...	19 0	20 0	16 0	24 0	25 0	20 0	...	...	...
5	Hooghly ...	14 0	15 0	16 0	...	...	...	10 0	10 0	10 0	18 0	18 0	14 0	...	...	...
	Howrah ...	12 8	12 0	16 0	...	...	...	13 4	13 4	8 0	20 0	21 0	15 0	...	...	...
Central Districts.																
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	Calcutta ...	15 0	15 0	16 0	20 15	20 15	22 0	9 6	9 6	8 8	19 2	19 2	15 4	21 0	21 0	19 12
6	24-Pergunnahs ...	14 0	14 0	13 4	26 8	26 8	20 0	8 0	8 0	8 0	18 4	18 4	13 4	...	...	...
7	Nuddea ...	16 0	16 0	16 0	32 0	32 0	23 0	16 0	16 0	13 6½	19 3	20 8	15 0	...	...	...
8	Khoolna ...	...	...	...	...	...	...	19 0	18 0	14 0	23 0	23 0	17 0	...	...	...
9	Jeasore ...	16 0	16 0	13 4	...	...	...	16 0	17 0	12 8	22 0	22 0	17 0	...	...	...
10	Moorshedabad ...	16 0	16 0	20 0	...	...	...	16 0	16 0	13 4	21 0	21 0	17 0	...	...	...
11	Dinapore ...	12 0	13 12	16 0	20 0	22 0	17 8	20 0	20 0	16 8	21 4	23 0	21 0	...	...	...
12	Raishahye ...	16 8	18 0	19 0	45 0	45 0	31 12	17 4	18 0	16 0	18 12	19 8	18 0	...	...	...
13	Rungpore ...	20 0	20 8	22 8	...	...	...	17 0	22 8	18 4	20 0	24 10	20 8	...	...	...
14	Bueta ...	15 0	16 8	15 0	...	...	...	13 8	13 8	12 12	21 0	24 0	21 12	...	...	...
15	Pabna ...	20 0	20 0	21 12	...	...	...	8 0	8 0	8 0	22 8	21 0	18 0	...	...	...
16	Darjeeling ...	10 0	9 0	11 0	19 0	18 0	9 0	5 0	5 0	5 0	12 0	14 0	13 0	...	...	...
17	Julpigore ...	11 0	11 0	13 4	20 0	20 0	20 0	13 0	13 0	16 0	22 0	22 0	22 0	...	...	...
Eastern Districts.																
18	Dacca ...	14 0	14 0	15 0	22 0	22 0	26 0	17 0	17 0	13 0	19 0	19 0	16 0	...	...	...
19	Furzedpore ...	20 0	26 0	24 0	30 0	32 0	25 0	18 0	18 0	16 0	20 0	20 0	17 0	...	...	...
20	Backergunge ...	...	...	...	...	...	...	17 0	17 0	13 8	20 0	21 0	16 0	...	...	...
21	Mymensingh ...	13 4	11 0	13 0	...	...	...	14 8	12 0	13 8	16 13	16 4	20 0	...	...	...

A In sub-divisions retail prices of salt per rupee were:—Culna 12 seers, Cutwa 13 seers, and Raneeungge 12½ seers.

B In Bishnupore sub-division retail price of salt 12 seers per rupee.

C In Rampore Haut sub-division retail price of salt 13 seers per rupee.

D In Jehanabad sub-division retail price of salt 13½ seers per rupee.

D1 In sub-divisions retail prices of salt per rupee were:—Tumlook 11 seers, Ghattal 14 seers, and Contai 12½ seers.

D2 In sub-divisions retail prices of salt per rupee were:—Baraset 12 seers, Bussirhat 13 seers, Diamond Harbour (at Magrahat) 10½ seers, Barrackpore 12½ seers, and Dam-Dum 11 seers.

E In sub-divisions retail prices of salt per rupee were:—Koothea and Meherpore 12 seers, Chooadanga 11½ seers, and Ranaghat 10½ seers.

F In Satkhira and Bagirhat sub-divisions retail price of salt 11 seers per rupee.

G In sub-divisions retail prices of salt per rupee were:—Jhenida and Sarail 12 seers, Mazoora 10½ seers, and Bongong 13 seers.

H In sub-divisions retail prices of salt per rupee were:—Laleugh 12 seers, Kandi and Jungipore 12½ seers.

BAJEA OR CUMBU. (<i>Pennisetum typho-</i> <i>ideum.</i>)	MARUA OR RAGI. (<i>Eleusine Corocana.</i>)
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Present return.	
Next preceding return.	
Corresponding return of last year.	
Present return.	
Next preceding return.	
Corresponding return of last year.	

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
100	100	100	100	100	100
20	200	200	200	200	200
30	300	300	300	300	300
40	400	400	400	400	400
50	500	500	500	500	500
60	600	600	600	600	600
70	700	700	700	700	700
80	800	800	800	800	800
90	900	900	900	900	900

[illegible]

001	001	001	001	001	001
002	002	002	002	002	002
003	003	003	003	003	003
004	004	004	004	004	004
005	005	005	005	005	005

KANGNI OR KAKUN. ITALIAN MILLET. (<i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arietinum</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	25 8	25 0	22 0
...	19 8	19 8	19 0
...	26 8	26 8	22 0
...	17 0	21 0	17 0
...	20 0	20 0	16 0
...	20 8	25 0	21 0

16 4	16 4	18 0	19 14	19 14	20 0
20 0	2 0	...	22 8	22 8	17 8
...	...	...	20 0	20 0	22 14
...	...	...	16 0	16 0	16 0
...	...	...	26 8	26 8	20 0
...	...	...	29 0	30 8	26 0
...	...	...	17 8	18 0	18 0
...	...	...	28 2	28 2	20 0
...	...	...	20 0	20 0	18 4
...	...	...	19 8	18 12	17 4
...	...	...	28 0	30 0	21 4
...	...	...	11 0	11 0	10 8
...	...	...	20 0	16 0	18 0

...	...	...	16 0	16 0	17 0
...	...	...	32 0	32 0	16 0
...	...	...	15 0	15 0	16 0
...	...	...	16 3	13 4	15 0

Districts of Bengal during the Fortnight ending the 15th June 1887.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICT
INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR THUR. CAJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.				
...	...	...	26 8	25 8	21 0	120 0	120 0	120 0	A 13 6	13 5 1/2	13 0	2 13 6	2 14 0	3 0 9	Burdwan.	
35 0	36 0	32 0	21 0	21 0	21 8	280 0	280 0	280 0	B 12 8	12 8	12 8	3 3 0	3 3 0	3 2 0	Bankoora.			
...	...	...	15 0	15 0	...	160 0	160 0	160 0	C 12 12	12 12	12 0	3 0 0	3 0 0	3 4 0	Beerbhoom.	
...	...	...	13 0	13 8	14 0	155 0	155 0	155 0	D 12 12	12 0	12 8	3 2 0	3 5 0	3 0 3	Midnapore.	
...	...	...	14 0	13 0	13 0	120 0	120 0	120 0	D1 13 8	13 8	13 0	2 14 0	2 14 0	2 14 0	Hooghly.	
...	...	...	12 4	13 8	15 0	90 0	100 0	90 0	12 0	12 0	13 0	3 0 0	3 0 0	3 0 0	Howrah.	
Central Districts.																		
23 0	23 6	20 2	18 0	18 0	18 0	80 0	80 0	70 0	D2 13 0	13 0	13 4	3 0 0	3 0 0	2 12 0	Calcutta.			
26 8	22 8	20 0	21 4	20 0	17 8	90 0	100 0	90 0	13 0	13 0	13 0	2 15 0	2 15 0	2 15 0	24-Pergunnahs.			
...	...	...	20 0	20 0	19 0	...	...	...	E 11 10 1/2	11 10 1/2	11 10 1/2	3 0 0	3 0 0	3 2 0	Nudda.
...	...	...	...	...	...	160 0	160 0	120 0	F 10 8	10 8	12 0	3 12 0	3 12 0	3 4 0	Khoolna.
...	...	...	22 12	24 8	21 0	110 0	120 0	120 0	G 10 12	10 12	...	3 2 0	3 2 0	3 2 0	Jessore.	
...	...	...	21 0	21 0	19 0	130 0	210 0	120 0	H 12 0	12 0	11 4	3 5 0	3 5 0	...	Moorsbedabad.	
...	...	...	10 0	9 4	...	160 0	160 0	160 0	I 12 8	12 4	12 0	3 2 0	3 3 0	3 4 0	Dinapore.	
...	...	...	16 4	16 8	21 5	240 0	240 0	240 0	J 12 0	10 8	12 0	3 2 6	3 5 3	3 0 0	Rajshahye.	
...	...	...	8 10	8 10	13 0	120 0	120 0	120 0	K 10 5	10 5	13 4	3 8 0	3 8 0	3 0 6	Rangpore.	
...	...	...	...	...	...	90 0	90 0	90 0	10 8	10 8	10 8	3 8 0	3 8 0	3 2 0	Bogra.
...	...	...	18 12	22 8	20 0	200 0	200 0	200 0	L 12 0	12 0	11 4	3 5 0	3 5 0	3 5 3	Pubna.	
25 0	28 0	18 0	8 0	8 0	8 0	120 0	120 0	128 0	M 9 0	9 0	9 0	4 6 0	4 6 0	4 0 0	Darjeeling.			
20 0	20 0	16 0	12 0	12 0	...	128 0	128 0	120 0	N 11 0	11 0	12 0	3 6 0	3 5 0	3 4 0	Julpigoree.			
Eastern Districts.																		
...	...	...	16 0	16 0	...	120 0	120 0	120 0	O 12 0	12 0	12 0	3 3 0	3 3 0	3 2 0	Dacca.	
...	...	...	20 0	20 0	16 0	120 0	120 0	140 0	P 12 0	12 0	12 12	3 1 0	3 1 0	3 2 0	Furzedpore.	
...	...	...	15 0	15 0	13 0	120 0	120 0	120 0	Q 13 0	13 0	12 0	.....	3 0 0	3 4 0	Backergunge.
...	...	...	14 0	16 0	16 0	...	...	...	R 12 0	12 0	10 8	3 5 0	3 5 0	3 12 0	Mymensingh.

I In Thakergaon sub-division retail price of salt 10 seers per rupee.

J In Nattore and Nowgong sub-divisions retail price of salt 12 seers per rupee.

K In sub-divisions retail prices of salt per rupee were:—Gaibanda 9½ seers and Kurigram 13 seers.

L In Serajgunge sub-division retail price of salt 12 seers per rupee.

M At Chinguri retail price of salt 10 seers per rupee.

N In Alipore sub-division (at Fallacotta) retail price of salt 10 seers per rupee.

O In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers, Moonshagunge 10½ seers, and Naraingunge 1½ seers.

P In sub-divisions retail prices of salt per rupee were:—Goalundo 12 seers and Madaripore 12½ seers.

Q In sub-divisions retail prices of salt per rupee were:—Fatuakhali 9½ seers, Perozapore 11 seers, and Bhola 10½ seers.

R In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9½ seers, Attea 12 seers, Nitrokhona 9 seers, Jamalpore 10½ seers, and Suerpore 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. * (Sorghum Vulgare.)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

Eastern Districts.—Continued.

		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
22	Chittagong ...	16 0	16 0	14 0	...	...	...	12 0	11 8	10 0	16 3	15 14	13 0	...	...	...
23	Nonkhally* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tipperah ...	11 7	12 1	13 4	...	...	...	14 15½	15 11	14 0	18 7½	18 12	17 8	...	...	...
25	Chittagong Hill Tracts, Hill Tipperah ...	...	...	...	...	...	...	10 11	11 7	8 14	11 6½	12 5	9 6	...	...	...
		12 0	12 0	12 0	...	...	...	12 0	12 0	11 0	16 0	15 0	15 0	...	...	...

BEHAR.

26	Patna ...	17 8	19 0	21 0	32 0	32 0	30 0	11 8	11 8	11 8	21 0	24 0	17 0	26 0	26 0	17 0
27	Gya ...	16 0	17 8	18 0	35 0	35 0	31 0	9 0	11 0	9 0	18 8	16 0	16 0	...	...	...
28	Shahabad ...	15 8	16 0	19 0	33 0	38 0	30 0	8 0	8 0	8 0	17 0	16 0	18 0	...	...	...
29	Durbhanga ...	17 10	18 11	18 0	28 10	33 0	24 0	12 0	12 0	10 0	18 12	20 14	15 0	...	...	...
30	Mownierpore ...	19 0	20 0	20 0	30 0	30 0	32 0	10 0	12 0	13 0	20 0	22 0	16 0	...	...	...
31	Saran ...	15 0	15 8	18 8	29 0	29 0	28 0	8 0	8 0	7 12	21 0	21 0	19 0	...	...	...
32	Chumparan ...	20 0	21 0	21 0	38 0	35 0	32 0	7 8	7 8	10 8	18 0	18 0	16 8	...	...	...
33	Monghyr ...	18 14	18 14	22 1	39 6	39 6	29 4	14 1	14 0	12 9	16 12	17 14	15 12	21 0	21 0	...
34	Bhagulpore ...	17 10	16 11	20 3	37 14	37 14	30 5	17 10	17 10	16 14	18 15	20 3	18 10	...	...	...
35	Patna ...	18 0	20 0	20 0	...	...	...	16 0	20 0	18 0	20 0	22 0	20 0	...	...	...
36	Maidah ...	16 8	18 0	20 0	...	...	...	14 0	14 0	10 0	19 0	21 0	19 0	...	...	...
37	Sonthal Pergas ...	13 0	14 0	16 0	...	...	...	18 0	18 0	16 0	25 0	26 0	23 0	...	...	...

ORISSA.

38	Cuttack ...	14 7	14 7	14 7	...	...	...	13 2	13 2	10 8	19 11	18 6	17 1	...	...	...
39	Pooree ...	10 8	10 8	14 7	...	...	...	14 7	14 7	11 13	22 5	22 5	15 12	...	...	...
40	Balasore ...	15 0	16 0	18 0	13 0	13 0	13 0	14 0	11 0	13 0	25 0	27 0	24 0	...	...	...

CHOTA NAGPORE.

South-Western Frontier Agency.

41	Hazarceebagh ...	18 0	19 0	17 0	21 0	21 0	20 0	9 0	9 8	10 0	18 0	19 0	18 8	Not procurable.		
42	Lohardugga ...	22 0	24 0	19 0	28 0	30 0	22 0	17 0	18 0	16 0	22 0	23 0	21 0	...	...	...
43	Singbhoom ...	20 0	20 0	24 0	32 0	32 0	32 0	20 0	20 0	24 0	24 0	24 0	28 0	...	...	...
44	Nanbhoom ...	18 0	18 0	18 0	...	10 0	...	18 8	18 0	16 0	23 0	23 0	27 0	...	...	...

* Return not received.

- S. In Cox's Bazar sub-division retail price of salt 12 seers per rupee.
 T. In ... sub-divisions retail prices of salt per rupee were:—Brahmungeriah 1½ seers and Chandore 11½ seers.
 U. In sub-divisions retail prices of salt per rupee were:—Auzar 12½ seers and Sasseram and Mahooan 11½ seers.
 V. In sub-divisions retail prices of salt per rupee were:—Tajpore 12 seers and Madhubani 11 seers.
 W. In sub-divisions retail prices of salt per rupee were:—Bajepore 12 seers and Santamruee 1 seer.
 X. In Bettiah sub-division retail price of salt 11½ seers per rupee.

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU.
(*Pennisetum typho-*
ideum.)

MARUA OR RAGI.
(*Eleusine Corocana.*)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
-----------------	------------------------	------------------------------------	-----------------	------------------------	------------------------------------

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...
...
...
...

26 0 26 0 26 0 26 0 26 0 26 0

...
...
...
30 12	...	...	30 12	33 0	23 0
...	...	...	30 0	30 0	30 0
...	...	...	24 0	24 0	22 8
...
...
...
...	...	...	26 0	...	33 0
...
...
...

...
...
...

...	...	...	30 0	31 0	30 6
...	...	...	35 0	36 0	28 0
...
...

KANONI OR KAKUS. ITALIAN MILLET. (<i>Setaria italica</i> .)	GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. (<i>Cicer arietinum</i> .)
--	---

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
-----------------	------------------------	------------------------------------	-----------------	------------------------	------------------------------------

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
--------	--------	--------	--------	--------	--------

...	...	...	13 0	11 0	11 0
...
...	...	...	14 0	14 0	14 8
...
...	...	...	12 0	12 0	12 0

24 0	24 0	20 0	30 0	32 0	28 0
16 0	16 0	17 0	27 8	26 0	24 0
...	...	...	30 0	28 0	26 0
...	...	18 0	26 6	27 8	23 0
...	...	...	27 0	28 0	22 0
14 0	14 0	16 0	27 0	26 0	25 0
...	...	...	33 0	33 0	29 0
21 0	27 12	16 13	32 8	30 8	27 12
...	...	...	27 12	27 12	24 0
16 0	16 0	13 0	20 0	20 0	20 0
...	...	...	27 0	27 0	25 0
...	...	...	22 0	22 0	20 0

(Kulai)

...	...	...	17 1	17 1	17 1
...	...	...	13 2	13 2	14 7
...	...	...	16 0	15 0	16 0

(Kulai)

Not procurable	20 0	21 0	19 8
...	20 0	20 0	16 0
...	16 0	16 0	16 0
...	16 0	20 0	1 0

Districts of Bengal during the Fortnight ending 15th June 1887—(Concluded)

												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.
INDIAN CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR. CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding* return of last year.	Present return.	Next preceding return.	Corresponding* return of last year.	Present return.	Next preceding return.	Corresponding* return of last year.	Present return.	Next preceding return.	Corresponding* return of last year.	Present return.	Next preceding return.	Corresponding* return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	...	...	9 0	9 0	10 0	80 0	80 0	100 0	10 0	12 0	12 0	3 10 0	3 0 0	3 4 0	Chittagong.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Noakhelly.
...	...	...	9 11	10 10	9 4	...	...	...	11 8	11 8	10 13	3 6 0	3 6 0	3 11 0	Tipperah.
...	...	...	...	...	...	320 0	320 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.
...	...	...	16 0	16 0	16 0	...	...	...	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	Hill Tipperah.
BEHAR.															
27 0	33 0	26 0	28 0	28 0	26 0	120 0	120 0	120 0	11 8	11 8	11 8	3 1 6	3 1 6	3 1 6	Patna.
...	...	...	22 0	21 0	21 0	100 0	100 0	200 0	11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	Gya.
...	...	...	16 0	16 0	19 0	160 0	160 0	160 0	12 0	12 0	12 8	3 5 0	3 5 0	3 2 0	Shahabad.
27 8	30 0	23 0	20 14	20 8	20 0	176 0	300 0	160 0	12 0	11 8	11 8	3 0 0	3 4 0	3 4 0	Darbhanga.
30 0	30 0	27 0	22 0	22 0	22 8	140 0	140 0	140 0	12 0	12 0	12 0	3 4 0	3 4 0	3 4 0	Muzafferpore.
30 0	29 8	25 8	25 8	26 0	26 8	120 0	160 0	160 0	12 0	12 0	11 0	3 3 0	3 4 0	3 5 6	Saran.
31 0	32 0	...	22 8	22 0	27 0	160 0	...	...	12 0	11 8	12 0	3 4 0	...	...	Chumpran.
27 4	42 0	24 2	23 0	21 0	21 0	126 0	126 0	126 0	12 9	12 9	13 2	3 0 0	3 0 0	2 14 6	Monghyr.
35 6	35 6	22 11	22 11	23 10	19 9	138 14	151 8	164 2	12 10	12 10	11 14	3 3 0	3 3 0	3 1 6	Bhagulpore
Not sold.	...	...	14 0	16 0	17 0	120 0	128 0	128 0	10 8	10 8	10 8	3 10 0	3 6 0	3 10 0	Purneah.
...	...	...	...	...	...	120 0	120 0	160 0	11 8	11 0	12 0	3 5 0	3 6 0	3 4 0	Maldah.
32 0	32 0	30 0	26 0	26 0	23 0	200 0	200 0	200 0	11 8	11 8	11 8	3 4 0	3 4 0	3 7 0	Southal Pergna.
ORISSA.															
...	...	...	...	...	...	80 0	80 0	80 0	13 0	14 0	14 0	3 1 0	2 12 0	2 12 0	Cuttack.
...	...	...	14 7	14 7	17 1	70 0	70 0	80 0	14 7	14 7	14 7	2 10 0	2 10 0	2 10 0	Pooree.
...	...	...	11 0	11 0	14 0	160 0	160 0	130 0	10 8	9 8	9 8	3 5 0	3 6 0	3 12 0	Balasore.
CHOTA NAGPORE. South-Western Frontier Agency.															
24 0	28 0	24 0	21 0	21 0	18 0	320 0	320 0	240 0	10 0	10 0	10 0	3 10 0	3 8 0	3 8 0	Hazareebagh.
...	...	...	28 0	28 0	18 0	120 0	120 0	120 0	9 12	19 0	9 8	4 0 0	3 14 0	4 2 0	Lohardugga.
...	...	...	20 0	20 0	21 0	320 0	320 0	360 0	8 0	8 0	9 0	4 0 0	4 0 0	4 0 0	Singbhoon.
...	...	...	23 0	23 0	18 0	240 0	240 0	240 0	10 10	10 10	11 10	3 8 0	3 8 0	3 6 0	Manbhoom.

Y In Jarcui sub-division retail price of salt 11½ seers per rupee.

Z In Banka, Muddehpura, and Soopool sub-divisions retail prices of salt 11 seers per rupee.

Z1 In sub-divisions retail prices of salt per rupee were:—Kisangunge 10 seers and Artareah (at Raneeunge) 11½ seers.

Z2 In sub-divisions retail prices of salt per rupee were:—Dooghur, Pakour, and Rajnehal 12 seers and Godda 11 seers.

Z3 In Khoorda sub-division retail price of salt 14 seers per rupee.

Z4 In Bandruck sub-division retail price of salt 9½ seers per rupee.

Z5 In Girdi sub-division (at Khuragailha) retail price of salt 11 seers per rupee.

Z6 In Govindpur sub-division retail price of salt 12 seers per rupee.

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P. NOLAN,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

Number.	MARKTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A.
1	Calcutta ...	2 9 0	2 9 0	2 6 2	1 6 0	1 6 0	1 6 0	3 4 0	3 4 0	4 1 2	1 13 6	1 13 6	2 5
2	Seragunge ...	...	...	...	...	...	...	3 12 0	3 12 0	4 8 0	2 0 0	1 12 0	1 15
3	Dacca ...	2 12 0	2 12 0	2 4 0	1 11 0	1 11 0	1 8 0	2 6 0	2 0 0	2 10 0	2 0 0	2 0 0	2 7
4	Naraingunge ...	...	...	...	...	...	...	2 8 0	2 4 0	2 10 0	2 6 0	2 2 0	2 7
5	Chittagong ...	2 6 0	2 6 0	2 10 0	...	...	...	3 2 0	3 4 0	3 12 0	2 4 0	2 8 3	3 0
6	Patna ...	2 4 0	2 0 0	1 13 6	1 3 6	1 3 6	1 4 0	3 0 0	3 0 0	3 0 0	1 13 0	1 9 0	2 2
7	Balasore ...	2 8 0	2 6 0	2 2 0	3 0 0	3 0 0	3 0 0	2 12 0	2 12 0	3 0 0	1 7 0	1 6 0	1 10
8	Pooroe ...	...	...	...	...	...	...	...	...	...	1 11 0	1 11 0	2 4
9	Cuttack ...	2 10 0	2 10 0	2 10 0	...	...	...	3 0 0	3 0 0	3 10 0	2 0 0	2 2 0	2 2

CALCUTTA,
The 21st June 1887.

PRICES PER MAUND

JOWAR OR CHOLUM.
(*Sorghum Vulgare*.)

BAJRA OR CUMBU
(*Pennisetum typhoides*.)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	K. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A.
1 10 0	1 10 0	1 14 6	2 6 0	2 6 0	0 0
...
...
...
...
...
1 6 0	1 6 0	2 4 0	1 6 0	1 6 0	6 0
...
...
...

OF 40 SEERS

MARUA OR RAGI. <i>Eleusine Corocana.</i>			KANGKI OR KAKU ITALIAN MILLET. <i>(Setaria italica.)</i>		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
873	887	882	2 6 0	2 6 0	2 6 0
885	882	881	885	882	882
880	881	887	881	882	881
881	882	881	882	881	881
882	881	881	882	881	881
1 8 0	1 8 0	1 8 0	1 9 8	1 9 6	1 1 6
882	882	882	882	882	882
882	882	882	882	882	882
882	882	882	882	882	882

undermentioned *Marts* of Bengal during the fortnight ending 15th June 1887.

GRAM, CHANA, CHHOLA, KADALAY OR SONAGA. (<i>Cicer Aristinum.</i>)			INDIAN-CORN OR MAIZE. (<i>Zea Mays.</i>)			ARHAR OR THUR CADJAN PEA. (<i>Cajanus indicus.</i>)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 9 0	1 9 0	1 12 7	1 8 0	1 8 0	1 13 3	2 0 0	2 0 0	2 0 0	0 6 3	0 6 9	0 7 3	3 0 0	3 0 0	2 12 0	Calcutta.
2 3 0	1 13 0	2 3 9	...	...	...	...	...	...	...	...	...	3 2 0	3 0 0	2 9 0	Serajgunge.
3 7 0	2 11 0	2 6 0	...	...	...	2 7 0	2 7 0	...	0 5 0	0 5 0	0 5 0	3 3 0	3 3 0	3 2 0	Daoca.
2 4 0	2 8 0	2 7 0	...	...	...	3 4 0	3 2 0	2 6 0	0 8 0	0 8 0	0 8 0	3 2 0	3 2 0	3 3 0	Naraingunge.
3 0 0	3 4 0	3 8 0	...	...	...	4 0 0	4 0 0	3 12 0	0 10 0	0 10 0	0 6 0	3 10 0	3 0 0	3 4 0	Chittagong.
1 5 6	1 3 6	1 5 6	1 5 9	1 3 0	1 6 6	1 5 6	1 5 6	1 6 0	0 5 0	0 5 0	0 4 6	3 1 6	3 1 6	3 1 6	Patna.
2 5 0	2 8 0	2 6 0	3 4 0	3 4 0	2 12 0	0 4 3	0 5 0	0 5 0	3 5 0	3 6 0	3 12 0	Balasore.
...	2 10 0	2 10 0	3 10 0	Poorae.
2 0 0	(Kalai) 2 0 0	2 2 0	0 8 0	0 8 0	0 8 0	3 1 0	2 12 0	2 12 0	Cuttack.

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P. NOLAN,
Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													
			AIR PRESSURE.			WIND.		TEMPERATURE.								
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M. temperature.
ORISSA.	Pooree	Gopalpore	29.408	29.548	-.044	SSW	446.0	95.2	11th June	79.8	12th June	87.0	81.2	84.1	-0.3	84.3
		False Point	29.547	29.565	-.039	SW	487	94.5	17th "	77.1	13th "	89.6	79.7	84.7	-1.5	87.9
	Cuttack	Cuttack	29.479	29.559	-.035	Variable	216	97.9	11th "	76.8	11th "	94.2	78.7	86.5	-1.6	89.9
	Balasore	Balasore	29.502	29.561	-.030	SSW	303.9	94.4	17th "	76.7	14th "	91.5	78.6	85.1	+0.1	86.2
	South-West Midnapore	Saugor Island	29.563	29.589	-.021	Southerly	422	95.7	11th "	80.5	11th, 12th, 13th June.	92.0	81.9	87.0	+0.6	87.9
SOUTH-WEST BENGAL.	Midnapore	Midnapore	29.429	29.579	-.005	Variable	165.7	97.3	17th "	77.3	14th "	92.8	78.8	85.8	-0.8	86.0
	24-Pergunnahs															
	Howrah	Calcutta	29.560	29.581	+0.001	ESE, SW	189	93.5	17th "	77.2	13th, 14th June.	89.1	78.6	83.9	-1.3	85.2
	Hooghly															
	Burdwan	Burdwan	29.484	29.583	-.003	Southerly	105	96.1	14th "	78.4	11th, 13th, 14th June.	94.1	79.2	86.7	+0.2	85.3
	Bankoora	Bankoora	29.250	-	-	South-easterly	55.3	95.1	11th "	76.6	14th "	89.7	78.8	84.2	-	84.0
	Beerbhoom															
	West Burdwan	Raneegunge	29.242	-	-.006	ESE	140.8	95.5	11th "	77.3	14th "	91.3	78.8	85.1	-3.7	87.0
	Moorshedabad	Berhampore	29.523	29.589	-.005	SSW	131.8	94.7	12th "	77.3	16th "	91.2	78.4	84.8	-1.1	86.2
	Nuddea	Krishnaghur	29.543	-	-	Southerly	149.2	94.8	12th "	77.7	11th, 13th, 14th, 15th June.	90.7	78.3	84.5	-	85.2
EAST BENGAL.	Jessore	Jessore	29.574	29.607	-.006	Southerly	124.7	93.7	17th "	72.9	11th "	90.6	78.1	84.3	-1.1	86.0
	Khoolna															
	Chittagong	Chittagong	29.587	29.677	-.004	SE	154	92.2	12th "	77.0	14th, 16th June	87.6	77.5	82.6	+1.1	84.7
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barrisal	29.612	29.624	-.018	S	150.4	91.8	17th June	77.8	13th "	89.2	79.6	84.6	-	85.0
	Noakholly	Noakholly	29.608	29.651	-	SE	69.0	90.6	12th "	74.3	17th "	88.5	77.9	83.2	-	84.2
	Furreedpore	Furreedpore	29.576	-	-.039	SE	155.0	88.5	11th "	74.9	17th "	87.1	78.3	82.7	+0.4	85.0
	Dacca	Dacca	29.599	29.622	+0.003	SSE, SSW	161	92.1	12th "	76.7	17th "	90.1	78.6	84.4	+1.1	84.0
	Commillah	Commillah	29.609	29.644	0	SE	125.6	93.3	11th "	72.8	17th "	89.1	75.9	82.5	+2.0	84.0
	Mymensingh	Mymensingh	29.597	-	0	SE	108.6	91.3	13th "	76.1	14th "	89.2	78.0	83.6	+3.6	85.0
NORTH BENGAL.	Bogra	Bogra	29.521	29.583	-	SE	115.4	91.3	12th, 13th June.	76.8	17th "	89.4	78.2	83.8	-	86.0
	Pubna	Serajunge	29.560	29.606	-.037	SSE	125.8	91.6	12th "	77.8	17th "	89.9	78.6	84.3	+1.9	85.0
	Rajshahye	Rampore Beaulah.	29.517	29.586	-.001	SE	115.7	92.3	11th "	74.6	13th "	90.1	77.0	83.6	0	87.0
	Maldah	Maldah	29.415	-	-	SE	55.49	94.0	11th, 12th June.	77.3	16th "	91.6	79.3	85.5	-	86.0
	Dinapore	Dinapore	29.473	29.563	-.007	SSE	91.4	93.1	11th "	74.1	16th "	90.0	77.9	84.0	+1.5	85.0
	Rungpore	Rungpore	29.505	29.630	0	Calm	103.6	92.3	13th "	73.7	16th "	89.2	77.3	83.3	+1.5	82.0
	Julpigoree	Julpigoree	29.342	29.631	-.022	NE	144.3	92.0	11th, 13th June.	70.8	11th "	86.0	73.8	79.9	-1.8	78.0
	Cooch Behar															
	Darjeeling Hill Districts	Darjeeling	22.863	-	-.010	Variable	42.5	68.6	11th "	54.1	16th "	63.8	55.6	59.7	+0.3	58.0
	Purneah	Purneah	29.470	29.596	+0.012	Calm, SE	25.2	93.2	11th, 13th June.	73.6	17th "	89.6	77.3	83.5	-1.6	86.0
NORTH BENGAL.	North Bhagulpore															
	Mozufferpore	Mozufferpore						Observations suspended.								
	Durbhunga	Durbhunga	29.404	29.570	+0.012	ESE, NE	269	94.9	11th June	76.0	15th "	90.6	78.7	84.7	-1.2	83.0
	Chumparun	Motihari	29.336	29.561	-.003	SSE	263.6	95.8	12th "	74.3	16th "	90.5	78.0	84.3	-3.2	85.0
	Saran	Chupra	29.357	-	-.024	E	40.7	98.0	13th "	76.6	16th "	96.3	78.8	87.1	-3.7	86.0
		Dehree	29.183	29.531	-.008	SE	272.0	97.5	11th "	75.0	16th "	91.9	79.4	85.7	-2.3	89.0
	Shahabad	Buxar	29.292	29.530	-.025	E	235.5	100.4	12th "	76.3	16th "	95.1	79.4	87.3	-4.1	89.0
		Arrah	29.330	29.525	-.029	SE	153.6	99.4	12th "	77.6	16th, 17th June.	95.1	79.5	87.3	-	87.0
	Gya	Gya	29.158	29.530	-.026	Variable	99	98.5	12th "	79.3	15th, 16th June.	95.2	80.5	87.9	-2.3	89.0
	Patna	Bankipore	29.374	29.556	-.007	E	154	98.0	12th "	77.2	16th, 17th June.	92.0	79.4	85.7	-3.5	86.0
SOUTH BENGAL.	South Bhagulpore	Bhagulpore	29.394	29.555	-.031	SE	82.9	96.4	11th "	77.0	15th "	92.7	78.8	85.8	-0.4	87.0
	Monghyr															
	Sonthal Pergunnahs	Doomka	29.065	-	-	ESE	20.0	94.0	11th "	76.7	15th, 16th June.	91.4	78.0	84.8	-	87.0
	Hazaribagh	Hazaribagh	27.583	29.556	-.002	Variable	326.0	92.5	11th "	72.6	16th "	88.3	74.0	81.2	-3.2	85.0
	Lohardugga	Ranchee	27.457	29.551	-.022	Variable	193.4	93.5	11th "	71.4	14th, 15th June.	86.1	72.5	79.5	-5.9	85.0
	Manbhoom															
	Singbhoom	Chyebassa	28.781	-	-	Variable	93.7	99.4	11th "	76.7	15th "	92.0	78.8	85.4	-	86.0
		Sibsagar	29.333	29.664	-.012	SW	62	94.6	12th "	75.5	12th "	89.9	77.5	83.7	+0.7	84.0
	Assam	Dhubr	29.510	29.628	+0.026	Variable	176	90.2	11th, 13th June.	74.3	16th "	84.9	76.4	80.6	-1.9	86.0
		Silchar	29.561	29.666	-.036	Variable	72	93.0	12th "	75.3	12th "	90.6	76.3	83.5	+0.6	86.0

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the past years. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional stations for the period in question during the past year, divided by the number of stations. A rainy day is one on which at least hundredth of an inch fell.

* Means for 6 days.

for the week ending Friday, the 17th June 1887.

DISTRICT OBSERVATIONS.															Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	RAINFALL.														
			Of week.		Since 1st of month.			Since 15th May 1887.			Average number of rainy days.	Normal number of rainy days.					
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.							
75	5.0	1.95	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA.	
75	7.0	1.43	—	1.81	—	—	3.34	—	—	4.89	—	2.8	—	False Point	—		
62*	5.7	1.39	—	2.16	—	—	3.82	—	—	5.78	—	3.2	—	Cuttack	Cuttack		
71	5.6	2.44	1.93	1.89	2.16	3.87	-1.71	9.44	6.00	+3.44	4.0	2.7	—	Balasore	Balasore		
82	5.9	1.47	1.56	2.32	1.76	4.90	-3.14	4.71	7.10	-2.39	5.0	3.3	—	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.	
67	5.1	1.37	1.18	2.31	2.73	4.87	-2.14	6.62	6.83	-0.21	3.0	3.0	—	Midnapore	South 24-Pergunnahs		
77	7.4	2.26	2.57	2.60	3.31	5.05	-2.34	6.01	8.27	-2.26	4.8	3.5	—	Calcutta	24-Pergunnahs		
71	8.3	0.84	1.40	2.33	6.05	5.07	-2.02	11.44	7.34	+4.10	4.7	3.2	—	Burdwan	Howrah		
78	5.9	1.99	1.68	2.69	2.63	5.46	-2.83	6.12	7.29	-1.17	4.0	3.7	—	Bankoora	Hooghly	SOUTH-WEST BENGAL.	
70	5.0	1.20	1.49	3.08	2.66	5.16	-2.50	9.43	6.82	+2.61	4.5	3.6	—	Raneegunge	Burdwan		
79	9.3	1.90	3.85	2.69	6.53	4.93	+1.60	15.34	7.60	+7.74	5.7	3.4	—	Berhampore	West Burdwan		
77	8.0	2.11	2.42	2.87	4.20	6.14	-1.94	10.84	9.49	+1.35	4.6	3.5	—	Krishnagur	Moorshedabad		
80	8.7	2.89	2.84	3.83	4.94	7.58	-2.64	6.72	10.97	-4.25	4.6	4.0	—	Jessore	Nuddea	SOUTH-WEST BENGAL.	
81	8.6	3.20	—	8.72	—	16.84	—	—	22.32	—	—	5.2	—	Chittagong	Jessore		
81	7.0	1.31	2.62	5.14	4.76	11.22	-6.46	6.42	15.25	-8.83	5.3	5.0	—	Demagiri	Khoolna		
76	4.6	2.51	—	8.65	—	17.18	—	—	22.19	—	—	5.0	—	Barrisal	Chittagong Hill Tracts		
81	3.1	3.19	2.89	3.30	7.36	7.56	-0.20	8.65	12.08	-3.43	3.7	4.4	—	Noakholly	Backergunge	EAST BENGAL.	
83	7.1	3.66	2.63	4.00	5.87	7.81	-1.94	7.28	11.96	-4.68	5.8	4.6	—	Furreedpore	Noakholly		
78	7.3	3.14	—	5.51	—	10.64	—	—	15.26	—	—	4.6	—	Dacca	Furreedpore		
82	6.6	4.14	—	4.77	—	10.04	—	—	14.82	—	—	4.4	—	Commillah	Dacca		
80	6.9	3.47	2.50	3.51	—	7.01	—	—	11.29	—	3.8	3.8	—	Mymensingh	Tipperah	NORTH BENGAL.	
79	6.6	0.84	0.75	3.16	8.62	6.66	+1.96	11.26	10.59	+0.67	4.5	4.2	—	Bogra	Mymensingh		
78	3.9	1.90	—	2.72	—	5.63	-0.16	14.79	8.76	+7.00	—	3.3	—	Serajunge	Bogra		
77	4.4	2.74	2.53	3.30	5.29	5.45	-0.57	20.75	7.79	+10.38	4.0	3.7	—	Rampore Beaulah	Pubna		
84	6.4	6.77	4.67	4.01	6.70	7.27	+6.99	31.79	10.37	+12.19	5.2	3.7	—	Maldah	Rajshahye	NORTH BENGAL.	
87	6.1	13.89	11.88	6.09	18.61	11.62	+2.13	32.93	18.60	+7.95	6.8	4.4	—	Dinapore	Maldah		
94*	8.1	11.47	14.15	7.69	18.47	16.35	-1.16	27.84	24.98	+8.51	6.2	5.5	—	Rungpore	Rungpore		
86	8.3*	6.85	9.40	7.17	12.46	13.62	—	—	19.33	—	7.0	5.5	—	Julpigoree	Julpigoree		
76	5.7	4.24	—	3.77	—	5.44	—	—	7.67	—	—	3.3	—	Cooch Behar	Cooch Behar	NORTH BENGAL.	
82	6.7	4.11	4.00	2.63	4.79	3.54	+1.25	10.63	4.64	+5.99	2.3	2.5	—	Darjeeling	Darjeeling Hill Districts		
73	8.6	1.46	1.51	2.20	3.01	3.46	-0.45	5.22	4.77	+0.45	3.0	2.4	—	Purneah	Purneah		
76	6.3	1.38	1.03	1.65	1.63	2.61	-1.01	6.01	3.45	+2.56	2.3	2.4	—	North Bhagulpore	North Bhagulpore		
64	4.7	4.87	—	—	—	—	—	—	—	—	—	2.3	—	Mozufferpore	Mozufferpore	NORTH BENGAL.	
66	5.7	2.35	2.20	1.28	2.20	1.72	+0.48	8.21	2.18	+6.03	2.8	2.3	—	Durbhunga	Durbhunga		
73	6.3	2.45	—	—	—	—	—	—	—	—	—	2.4	—	Motihari	Chumparun		
64	6.6	0.53	1.53	1.80	2.12	2.37	-0.25	7.40	3.49	+3.91	2.3	2.2	—	Chupra	Sarun		
84	7.9	2.10	—	2.10	—	2.61	—	—	3.68	—	—	2.3	—	Dehree	—	NORTH BENGAL.	
73	3.9	2.68	1.98	1.92	2.14	2.90	-0.76	9.53	4.18	+5.35	3.2	2.7	—	Buxar	Shahabad		
78	4.4	0.77	1.54	2.82	2.02	4.46	-2.44	13.76	6.24	+7.52	4.7	3.3	—	Arrah	—		
79	8.5	0.73	—	2.81	—	4.16	—	—	5.26	—	—	3.6	—	Gya	Gya		
78	8.9	1.74	—	2.16	—	3.51	—	—	4.81	—	—	3.3	—	Bankipore	Patna	SOUTH BENGAL.	
69	7.4	0.76	0.75	2.33	0.83	2.94	-3.11	10.24	6.06	+4.18	4.0	4.3	—	South Bhagulpore	South Bhagulpore		
80	9.3	3.34	—	—	—	—	—	—	—	—	—	—	—	Monghyr	Monghyr		
89	7.4	0.68	—	—	—	—	—	—	—	—	—	—	—	Doomka	Sonthal Pergunnahs		
77	8.0	4.11	—	—	—	—	—	—	—	—	—	—	—	Hazaribagh	Hazaribagh	CHUTIA NAG-PUR.	
														Ranehee	Lohardugga		
														Chyebassa	Manbhoom		
														Sibsagar	Singhoom		
														Dhubri*	Assam	ASSAM.	
														Silchar	—		

years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater.
 deducting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District observations of rainfall, the normal mean
 years. The means of the district are the numerical averages of the rainfall return received in the district, i.e., from the total rainfall at the sub-division.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of May.	Average total rain-fall from 1st of May.	Total rain-fall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday 11th June.	Sunday, June.	Monday, June.	Tuesday, June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, June.	Number of rainy days.	of Rainfall week.				
ORISSA	Pooree	Pooree	0.42	0.20	0.12	0.32	4	1.06	1.11	2.90	2.66	4.46
		Khurdah	0.11	0.73	0.56	0.14	0.03	5	1.57	2.03	3.71	3.09	5.86
		Banpur	0.55	0.71	4	1.51	1.57	3.84	4.64	5.61
		False Point	0.09	0.75	0.14	0.53	2	0.62	1.13	?	4.81	?
		Gop Pipli	0.42	0.20	?	?	?
	Cuttack	Jagatsingapore	0.10	0.27	0.20	3	0.57	0.67	2.83	4.95	4.05
		Banki	0.3	0.47	3.97	5.89	7.80
		Cuttack	0.61	0.59	0.12	5	1.14	1.14	5.00	7.38	5.88
		Kendrapara	0.09	0.64	0.69	0.20	4.11	?	6.31
		Jalpore	0.33	0.69	0.07	3.20	?	?
	Balasore	Dharmasalla	0.61	0.33	0.07	?	?	?
		Salipore	?	?	?
		Chandbali	1.55	0.39	0.24	0.62	3.74	5.42	6.37
		Bhuddruck	1.14	0.84	0.12	3.65	5.53	6.53
		Sorah	0.23	0.93	2.91	5.96	6.79
SOUTH-WEST BENGAL.	Midnapore	Jellalpur	0.10	0.13	0.37	0.14	4	0.74	0.89	4.07	1.99	5.89
		Baripodah	5.27
		Contai	0.20	0.49	0.60	0.38	0.07	5	1.74	1.74	4.94	4.88	6.98
		Saugor Island	0.47	0.40	0.31	0.25	0.04	5	1.47	1.47	5.12	4.21	7.49
		Tumlook	1.00	0.10	0.20	3	1.30	2.50	4.34	5.10	6.84
	24-Pergunnahs	Midnapore	0.22	0.54	0.69	3	1.45	1.89	4.55	6.09	6.40
		Ghattal	0.22	0.39	0.18	3	0.79	4.01	5.72	8.07	7.47
		Dewog	0.38	0.16	0.33	3	0.87	1.65	?	4.18	?
		Heria	0.95	0.16	0.12	4	1.88	1.94	?	5.17	?
		Bhagwanpore	0.63	0.40	0.07	3	1.19	1.19	?	3.44	?
	Howrah	Garbeta	0.74	0.50	2	1.24	1.44	?	5.67	?
		Diamond Har-bour	0.51	0.22	0.25	0.40	0.10	5	1.48	2.09	4.65	5.04	6.84
		Canning Town	0.28	0.36	0.43	0.29	0.31	0.26	6	1.93	2.39	?	4.74	?
		Alipore Jail	0.04	0.74	0.20	0.18	0.39	0.71	6	2.26	3.09	5.88	6.10	8.24
		Barrackpore	0.40	0.28	0.94	0.18	0.98	5	2.78	2.78	6.40	5.82	8.97
Hooghly	Dum-Dum	.....	0.37	0.51	1.03	0.82	.....	.....	4	2.73	3.40	5.80	6.89	8.61
	Baraset	.....	.....	0.36	0.19	0.60	.....	0.50	4	1.65	1.65	5.76	4.64	8.50
	Buseerhat	0.11	1.16	0.85	0.52	0.45	.....	1.25	6	4.34	4.64	6.33	7.37	10.12
	Howrah	.....	0.37	0.25	0.14	0.41	.....	0.28	5	1.45	2.22	5.62	4.26	7.81
	Moheareka (Ooloberiah.)	.....	0.26	0.42	0.27	0.15	.....	.....	4	1.10	2.32	4.98	3.23	7.70
Burdwan	Serampore	.....	0.12	0.33	0.32	0.68	.....	0.58	5	2.03	2.30	5.97	4.57	8.07
	Hooghly	.....	0.26	0.14	0.31	0.35	1.86	3.52	6	6.44	7.57	4.95	9.36	7.05
	Jehanabad	.....	0.48	.....	0.40	.....	.....	0.06	3	0.94	3.94	4.83	7.83	7.47
	Culna	.....	0.29	0.02	.....	0.13	0.02	0.25	5	0.62	1.08	5.57	6.83	7.59
	Burdwan	.....	0.43	0.17	.....	0.12	.....	0.10	4	0.82	1.14	3.65	8.74	6.19
Bankoora	Cutwa	.....	1.80	0.28	0.11	0.12	.....	0.46	5	2.77	6.93	5.99	18.77	8.27
	Raneegunge	.....	.....	0.90	0.27	.....	0.03	.....	3	1.20	2.47	3.77	7.78	3.58
	Mankur	.....	0.23	0.19	.....	.....	0.44	.....	3	0.86	1.67	?	8.56	?
	Bankoora	.....	0.08	0.65	0.40	.....	0.23	.....	4	1.96	2.70	4.95	6.12	7.09
	Bishenpore	.....	0.20	0.62	0.54	.....	0.41	.....	4	1.77	2.21	6.30	5.96	8.49
Beerbhoom	Maliara	.....	1.19	0.34	0.19	0.41	.....	.....	4	2.13	3.33	5.02	8.63	6.28
	Khatra	.....	.....	0.53	0.08	0.15	0.10	.....	4	0.86	2.28	5.55	4.36	7.28
	Indas	.....	0.43	0.08	.....	0.81	.....	.....	3	1.32	1.60	?	5.17	?
	Kotalpore	.....	0.30	0.11	0.13	0.10	0.08	0.15	6	0.87	1.97	?	4.88	?
	Anda	.....	.....	0.50	.....	0.20	.....	.....	2	0.70	1.00	?	2.95	?
Nuddea	Gangajalghati	.....	.....	0.09	0.03	.....	.....	.....	2	0.12	0.96	?	6.30	?
	Raipore	.....	.....	0.85	0.21	0.25	.....	.....	3	1.31	1.56	?	6.38	?
	Sonamukhi	.....	0.04	.....	0.23	.....	0.40	.....	3	0.67	0.73	?	4.62	?
	Bh. Soory	.....	0.34	0.61	.....	0.07	0.16	0.18	5	1.56	1.98	4.94	10.76	6.87
	Hetampore	.....	0.22	0.28	0.14	.....	0.04	.....	4	1.58	1.92	6.63	7.14	7.90
Khoolna	Rampore Haut	.....	0.41	0.04	0.18	0.12	0.36	0.51	6	1.82	4.28	5.40	12.05	6.94
	Botpore	.....	0.41	.....	0.17	.....	0.66	0.91	4	2.15	3.64	?	6.74	?
	Ranaghat	.....	0.19	0.25	0.20	0.35	0.05	0.76	6	1.80	3.40	6.20	7.06	9.03
	Kishnaghat	.....	0.02	0.31	0.95	.....	.....	0.98	4	3.16	5.47	5.20	12.09	7.81
	Choodanga	.....	.....	1.86	0.15	0.30	.....	.....	3	2.31	3.90	6.07	9.20	10.51
Jeasore	Meherpore	.....	.....	0.62	0.17	0.48	0.90	.....	4	1.33	2.53	6.16	13.34	8.98
	Kooshtea	.....	1.26	1.03	0.04	0.76	0.38	0.04	6	3.51	5.69	7.05	11.34	11.08
	Satkira	.....	0.87	0.37	0.08	0.27	0.03	0.90	6	2.52	2.94	6.82	5.30	9.83
	Bagirhat	.....	2.22	1.27	1.02	0.05	0.28	.....	5	4.84	5.13	8.12	6.82	11.50
	Khoolna	.....	.....	3.95	0.26	0.18	.....	.....	3	4.39	8.85	7.25	9.67	10.17
Moorshedabad	Narail	.....	0.33	0.42	0.03	0.21	0.02	0.51	6	2.02	2.84	7.63	3.17	10.73
	Jeasore	.....	1.28	1.39	0.13	0.55	.....	.....	4	3.35	6.09	8.27	8.16	11.85
	Jhenidah	.....	0.53	0.18	.....	0.93	.....	.....	3	1.66	3.63	8.75	6.94	13.34
	Magoorah	.....	0.05	0.44	0.15	0.20	0.04	0.41	6	1.29	4.18	7.47	6.08	11.82
	Bongong	.....	0.44	0.92	.....	0.90	.....	0.42	4	2.68	6.02	6.33	7.61	9.48
Chittagong	Kandi	.....	0.70	.....	0.52	1.60	.....	0.92	4	3.74	6.75	5.25	12.73	7.55
	Berhampore	.....	0.38	0.10	0.25	.....	1.06	0.23	5	3.02	5.52	5.53	12.35	6.38
	Lalbagh	.....	0.48	0.10	0.82	0.03	1.32	0.03	6	2.78	6.64	4.94	13.73	7.58
	Azingunge	.....	0.40	0.13	0.92	0.39	1.11	0.58	6	3.53	5.25	4.76	14.07	7.06
	Jungipore	0.31	0.28	0.15	1.10	0.50	1.01	0.43	7	3.78	5.47	3.99	17.65	8.12	
Chittagong Hill Tracts.	Lalgaia	.....	0.30	0.15	0.80	1.60	3.80	0.60	6	7.25	9.53	5.09	19.44	8.12
	Akhrganj	.....	0.61	0.83	0.75	0.40	.....	1.25	5	3.74	4.95	?	14.93	?
	Patkabari	.....	.....	0.40	0.30	0.10	0.30	0.30	5	1.40	2.50	?	6.99	?
	Cox's Bazar	.....	0.13	0.93	0.97	0.94	1.31	1.42	6	5.70	15.53	18.67	16.10	24.40
	Chittagong	0.11	0.10	0.24	0.94	1.48	.....	.....	.....	.....	15.00	?	89.11	?
Backerungo	Kutubdia	.....	0.40	0.38	0.32	.....	.....	.....	.....	.....	.....	?	?	?
	satkanya	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Rangmati	0.37	0.86	0.75	1.10	0.70	1.61	0.91	7	6.30	10.58	12.05	13.73	16.59	
	Ruma	1.15	.....	.....	.....	.....	.....	.....	.....	.....	13.43	.....	17.29	.....
	Patuakhally	.....	0.95	0.52	.....	0.55	0.81	.....	4	2.84	5.74	14.16	7.96	13.77
Bhola	Porozepore	.....	0.62	.....	0.63	0.31	0.96	0.67	5	3.21	4.08	8.28	9.29	11.68
	Barrisal	.....	0.29	0.50	0.39	0.25	0.20	0.10	6	1.56	4.88	9.10	6.82	13.43
	Bhola	.....	0.37	0.69	0.62	0.37	0.06	0.80	6	2.88	4.38	13.36	5.25	.....

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1887.	Average rainfall from 15th May to date.	
			Saturday, 11th June.	Sunday, 12th June.	Monday, 13th June.	Tuesday, 14th June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, 17th June.	Number of rainy days.	of Rainfall week.					
EAST BENGAL —contd.	Noakholly ...	Gournaddi Bauphal	0'04	0'96	0'73	0'80	1'20	1'80	3	3'80	4'34	?	4'06	?	
		Noakholly ...	0'20	0'25	0'20	0'53	0'61	0'46	.....	.....	.....	14'60	19'53	19'53
		Fenny ...	.....	0'10	0'10	1'30	0'60	.....	.....	.....	.....	19'75	21'83	21'83
		Harishpore Ramganj ...	0'23	.....	0'06	0'31	0'68	0'55	0'52	.....	.....	?	?	?
	Furcedipore...	Madaripore	0'15	0'50	0'97	2'24	4	3'80	8'64	7'72	10'35	12'12	
		Furcedipore	0'22	0'57	0'14	2'40	4	3'33	6'42	7'92	7'17	13'18	
		Goalundo	1'18	0'24	0'06	3	1'42	7'02	7'04	8'42	10'94	
	Dacca ...	Munshigunge Dacca	0'05	0'95	0'32	0'84	0'24	0'60	6	3'00	6'85	9'70	8'01	14'25	
		Narsingunge Narsingunge	0'17	0'93	0'31	1'03	0'29	0'32	6	3'06	6'22	7'74	7'85	13'12	
		Mauickgunge Joydebpore	0'17	1'11	0'45	0'81	0'29	0'75	6	3'58	5'73	7'67	7'10	11'14	
		Joydebpore ...	0'19	0'22	0'98	0'26	0'56	0'52	0'06	7	2'79	8'08	6'11	6'11	10'35	
	Hill Tipperah Tipperah ...	Agartola	0'57	0'20	0'37	1'05	9'19	13'87	
		Comilla	0'21	0'03	0'75	1'06	0'53	6	3'23	8'66	12'06	8'63	16'30	
		Chandpore	0'30	0'50	0'10	0'39	0'03	0'70	6	1'93	4'31	11'24	5'63	15'07	
		Brahmunbaria Ramchandrapore.	0'14	0'20	.....	0'26	1'16	.....	.....	.....	.....	10'07	.....	15'18
		Ramchandrapore.	0'37	0'06	0'40	0'77	2'60	0'24	0'25	7	4'69	8'16	?	9'04	?	
		Nasirnagar	1'84	0'90	?	?	?	
		Daudkandi ...	1'28	0'12	0'56	0'68	0'40	0'23	?	?	?	
		Kasba ...	0'31	0'30	0'19	0'92	1'14	5	2'86	7'62	?	7'72	?	
	Mymensingh...	Laksham	0'31	0'42	0'23	1'02	4	1'98	2'40	?	3'20	?	
		Kishoreganj Atia (Tangail)	2'04	0'20	4'47	0'21	0'12	0'37	12'39	12'39	13'37	17'29	
		Mymensingh Jamalpur ...	0'09	0'73	0'86	0'72	0'15	1'00	6	3'55	14'00	11'86	17'41	21'48	
		Netrokona Subornakhally	0'72	0'60	0'22	0'34	2'31	4	3'02	8'80	8'80	12'39	18'01	
		Durgapore Devanganj	0'60	0'46	1'67	0'60	1'46	6	5'51	16'43	9'51	17'88	22'39	
Durgapore Devanganj ...		.....	.....	1'67	1'82	0'50	1'40	.....	.....	.....	9'13	?	13'16	?
Devanganj ...		.....	.....	0'22	0'35	.....	0'16	1'18	4	1'91	.....	?	?	?	
Devanganj ...		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?
NORTH BENGAL	Pubna	0'40	0'12	0'04	0'13	4	0'69	3'77	6'96	5'07	10'73	
	Serajgunge	0'05	0'15	0'14	0'42	5	0'81	13'47	6'30	16'52	10'43	
	Bogra ...	Sherpore	1'00	0'04	0'10	1'33	4	2'47	11'61	6'28	17'16	11'31	
		Nowkhilla	0'02	0'51	0'42	0'45	0'89	5	2'29	14'86	7'43	20'02	11'05
		Bogra	0'64	0'68	0'33	0'14	2'05	4	3'14	7'5	12'31	
	Panchbibi	0'50	1'60	2	2'10	9'00	6'59	22'01	10'44	
	Majshahye ...	Beaulah	0'67	0'73	5'49	8'32	8'32	
		Natore	0'50	1'23	0'40	3	2'13	4'95	5'77	11'39	9'17	
Naogaon ...		.....	.....	0'32	0'54	0'32	1'08	0'42	5	2'88	7'86	?	16'48	?
Maldah ...	Lalpur ...	.....	.....	0'18	.....	.....	0'21	.....	2	0'39	1'10	?	7'01	?
	Manda ...	.....	.....	0'39	1'50	.....	2'50	0'30	4	4'69	7'67	?	14'94	?
	Chanchal ...	.....	.....	0'40	.....	0'35	1'09	.....	3	2'74	6'81	5'39	18'47	7'58
	Chanchal ...	.....	.....	0'19	0'39	0'55	0'85	0'34	5	2'32	3'78	5'59	11'42	8'19
Dinapore ...	Gajol ...	.....	.....	0'80	0'10	0'30	2'60	.....	4	3'70	4'70	?	13'00	?
	Sibganj ...	0'25	0'40	0'17	0'45	2'30	.....	.....	5	3'57	5'42	?	15'06	?
	Mohadebpore Churamon ...	.....	.....	0'65	1'30	1'25	.....	0'40	4	3'60	4'24	8'51	17'76	11'47
	Churamon ...	.....	.....	0'37	0'61	1'28	1'12	0'19	5	3'57	4'90	6'83	18'99	8'51
Raigunge ...	Raigunge ...	.....	.....	0'14	1'71	1'45	2'28	0'19	5	5'77	6'48	7'16	17'71	10'15
	Dinapore ...	0'13	0'01	0'58	0'30	1'50	4'70	0'05	7	7'27	8'61	8'75	27'88	12'01		
	Baloorghat ...	.....	.....	0'72	0'94	0'15	1'65	0'28	5	3'15	8'28	5'05	21'43	8'43
	Baloorghat ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raigunge ...	Bhawanigunge (Gyabanda) ...	.....	.....	0'15	2'12	2'14	0'24	0'52	5	4'37	15'43	9'41	25'63	14'58
	Raigunge ...	0'55	.....	0'05	0'80	3'03	9'42	0'13	6	14'07	17'37	10'57	30'24	17'18	
	Kurigram ...	0'55	.....	0'24	0'51	2'04	10'82	0'85	6	15'01	21'09	13'90	29'80	22'27	
	Bagdogra ...	0'24	.....	0'90	0'80	2'28	7'78	2'15	6	14'15	20'52	12'54	41'40	20'25	
Jalpigoree ...	(Nilphamari) Utopore ...	.....	0'47	0'24	.....	1'20	4'15	0'26	5	7'22	16'56	?	22'80	?
	Jalpigoree ...	1'15	.....	0'08	1'65	4'07	1'65	3'26	6	12'46	15'02	15'93	33'14	23'92	
	Alipore Doar Fallacotta ...	.....	0'82	1'29	2'00	10'40	3'57	1'00	6	18'88	23'26	?	40'69	?	
	Fallacotta ...	0'30	0'70	0'06	5'48	5'66	1'55	0'36	7	13'91	20'99	?	32'73	?		
Cooch Behar..	Debiganj ...	0'17	.....	0'35	1'30	3'30	3'45	1'00	6	9'57	12'27	?	27'25	?	
	Dinhatia ...	.....	.....	1'45	0'45	4'98	6'56	0'85	6	14'64	17'48	17'29	31'71	27'09
	Cooch Behar... Miekligunge...	0'05	0'03	0'09	3'64	10'33	3'51	3'68	7	21'35	30'07	20'58	42'89	20'25		
	Miekligunge... Matabhanga...	0'07	1'82	0'05	2'17	3'19	1'42	0'87	7	12'59	12'64	27'79	21'05	21'05		
Darjeeling Hill.	Matabhanga...	.....	.....	0'61	3'85	5'37	2'49	0'43	6	9'75	17'19	15'33	29'10	24'50
	Buxa ...	0'44	1'12	0'42	1'60	5'24	1'35	0'93	7	10'81	15'19	21'19	36'09	34'44		
	Siliguri ...	1'12	0'40	0'82	0'55	5'08	1'00	4'35	7	13'90	19'72	12'49	34'27	18'80		
	Darjeeling ...	0'92	0'10	1'48	1'82	1'84	0'40	0'47	7	6'98	8'20	11'65	23'70	15'32		
NORTH BENGAL	Kampong ...	0'68	0'12	1'45	0'77	1'40	0'47	1'10	7	5'89	6'68	9'13	15'19	10'79		
	Purneah ...	Kissengunge..	0'21	0'20	1'35	2'80	0'31	5	4'87	5'83	7'91	23'90	11'05	
		Arrareah	0'06	0'16	3'00	5'83	8'57	
		Purneah	0'30	0'58	2'32	1'04	4	4'24	8'02	5'21	30'30	6'97	
Gondwara ...		.....	.....	.....	2'45	2'25	0'30	.....	3	5'00	.....	?	.....	?
North Bhagal- pore.	Balarampore..	.....	.....	0'20	0'40	2'85	1'57	.....	4	5'02	6'81	?	21'47	?
	Matari ...	.....	.....	0'25	.....	5'03	0'69	.....	3	5'88	6'85	?	18'19	?
	Kaliaganj ...	.....	.....	0'16	1'65	2'45	1'20	.....	4	5'45	6'15	3'87	16'06	5'64
	Madaspore ...	.....	.....	0'39	0'33	1'25	0'96	.....	4	2'93	3'97	4'57	15'51	6'13
Durbhanga ...	Scoopool ...	.....	.....	0'22	0'33	4'44	0'60	.....	4	5'59	6'76	?	17'88	?
	Protaganj ...	.....	.....	0'10	3'41	3'90	0'39	.....	4	7'80	8'18	?	.....	?	
	Tajpore ...	.....	.....	.....	0'50	1'10	1'58	.....	3	3'18	3'18	3'30	10'46	4'07
	Durbhanga ...	.....	.....	.....	.....	3'27	0'84	.....	2	4'11	5'02	3'40	10'31	4'57
Mozufferpore	Madhubani ...	.....	.....	.....	.....	4'21	0'30	.....	2	4'71	6'16	3'84	11'13	5'31
	Bahera ...	.....	.....	0'01	.....	2'90	0'60	.....	3	3'51	5'01	?	9'45	?
	Roshera ...	.....	.....	0'03	0'40	0'80	.....	.....	3	1'23	1'23	?	9'23	?
	?	?		
Mozufferpore	Sitamarhi ...	.....	.....	.....	0'20	1'50	7'40	.....	3	9'10	9'73	3'04	13'05	5'26
	Mozufferpore ...	.....	.....	.....	1'60	1'78	2'91	.....	3	5'78	6'70	3'25	12'33	4'47
	Hajipore ...	.....	.....	.....	1'22	1'22	0'38	.....	2	1'60	1'73	3'02	12'13	3'62
	Faru ...	.....	.....	.....	.....	1'00	.....	.....	.....	.....	.....	?	.....	?
Jharkhand ...	Mahua ...	.....	.....	.....	.....	1'00	.....	.....	.....	.....	.....	?	.....	?
	Sikhar ...	.....	.....	.....	.....	1'80	2'30	.....	2	4'10	4'80	?	8'71	?
	Papri ...	.....	.....	.....	.....	2'71	1'00	.....	2					

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 17th of June 1887—*concl'd.*

Met-oro logical Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 11th June.	Sunday, 12th June.	Monday, 13th June.	Tuesday, 14th June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, 17th June.	Number of rainy days.	of Rainfall inches.				
NORTH BEHAR —concluded.	Saran	Gopalgunge ...	.....	.....	.....	.....	0.38	0.18	.....	2	0.56	0.97	2.73	3.45	3.67
		Sewan ...	.....	.....	.....	.....	0.31	0.68	.....	2	0.99	1.38	2.89	4.73	3.89
		Chuprah ...	.....	.....	.....	.....	0.96	0.88	.....	3	1.54	2.43	2.19	9.82	2.77
SOUTH BEHAR	Shahabad	Buxar ...	.....	.....	.....	.....	0.25	0.95	.....	3	2.45	2.45	1.42	8.19	1.77
		Dehree ...	.....	.....	.....	.....	4.15	0.12	.....	2	4.27	4.27	?	10.06	?
		Bhubooh ...	.....	.....	.....	.....	0.59	1.00	0.20	3	1.70	1.70	1.66	4.83	2.08
		Basseram ...	.....	.....	.....	.....	1.65	0.60	.....	2	2.25	2.25	1.61	7.00	2.08
		Arrah ...	.....	.....	.....	.....	0.70	1.25	0.45	3	2.40	2.40	2.17	12.80	2.89
		Mohania ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?	?
	Gya	Aurangabad ...	.....	.....	.....	.....	0.51	0.38	.....	2	0.89	1.20	2.10	9.54	2.97
		Gya ...	.....	.....	.....	.....	0.22	1.64	.....	2	1.86	3.02	2.82	7.27	4.03
		Nowadah ...	.....	.....	.....	.....	0.30	1.54	.....	3	1.84	2.72	2.15	5.54	3.56
		Jehanabad ...	.....	.....	.....	.....	0.09	0.81	.....	3	1.51	2.40	2.40	7.21	3.36
		Arwal ...	.....	.....	.....	.....	1.06	0.85	.....	3	1.91	1.91	?	9.16	?
		Daudnagar ...	.....	.....	.....	.....	0.40	0.50	.....	12	0.90	0.90	?	6.80	?
		Sherghati ...	.....	.....	.....	.....	0.35	0.59	.....	12	0.85	0.85	?	6.43	?
		Rajauli ...	.....	.....	.....	.....	.....	.....	.....	1	0.75	0.75	?	2.43	?
		Pakri Barawan ...	.....	.....	.....	.....	.....	0.75	.....	1	0.75	0.75	?	2.43	?
	Patna	Patna ...	.....	.....	0.09	0.42	1.12	0.47	.....	4	2.10	3.78	2.73	13.25	3.92
		Dumapore ...	.....	.....	.....	.....	0.54	.....	.....	2	1.01	1.61	2.98	6.69	3.14
		Behar ...	.....	.....	.....	.....	0.23	0.78	.....	2	1.01	1.61	2.98	6.69	3.14
		Barr ...	.....	.....	.....	.....	0.06	0.65	0.39	3	0.75	0.75	?	10.85	3.43
		Eickrum ...	.....	.....	.....	.....	0.10	0.20	0.45	3	0.75	0.75	?	10.85	3.43
		Hilsa ...	.....	.....	.....	.....	0.27	0.64	.....	2	0.91	1.81	?	6.43	?
	Monkhyr	Begooesrai ...	.....	.....	.....	.....	0.20	0.50	1.24	3	1.91	1.94	2.94	9.24	4.05
		Monkhyr ...	.....	.....	.....	.....	0.51	0.51	.....	3	1.63	1.63	2.89	11.60	4.19
		Jamui ...	.....	.....	.....	.....	0.26	1.25	0.61	3	2.12	2.57	2.50	7.25	3.54
		Gogri ...	.....	.....	.....	.....	0.65	0.70	.....	2	1.35	1.65	?	15.90	?
		Sheikpura ...	.....	.....	.....	.....	.....	.....	0.70	1	0.70	0.70	?	6.60	?
		Bhakupore ...	.....	.....	0.10	0.90	1.56	0.30	.....	3	2.76	3.01	3.36	9.71	4.72
	South Bhagui- pore.	Bhakupore ...	.....	.....	.....	.....	1.00	0.22	0.14	4	1.46	1.55	3.02	9.87	4.51
		Banks ...	.....	.....	.....	.....	2.12	2.07	.....	2	4.19	4.19	?	14.44	?
		Kolpore ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sonthal Per- gunnahs.	Rajmehal ...	.....	.....	0.15	0.14	1.00	0.84	.....	4	1.93	2.04	4.48	22.19	6.32
		Godda ...	.....	.....	.....	0.10	3	0.07	.....	3	0.47	0.82	3.08	17.21	4.82
		Pakour ...	0.10	0.25	0.23	0.39	0.51	0.54	0.42	7	2.50	3.99	5.61	15.50	7.91
		Nya Doomka ...	.....	.....	.....	0.34	0.28	0.15	0.30	4	1.07	1.57	4.24	12.62	5.92
		Deognur ...	.....	0.21	0.06	0.86	0.74	0.05	0.03	6	1.95	2.26	3.67	7.33	5.42
		Jamtara ...	.....	.....	0.13	0.52	0.44	0.20	.....	4	1.29	1.48	5.62	7.61	7.26
		Simra ...	.....	.....	0.10	0.20	2.25	.....	.....	1	1.15	1.15	?	5.35	?
		Nanihat ...	.....	.....	.....	.....	.....	.....	1.15	1	1.15	1.15	?	5.35	?
CHUTIA NAG- PUR.	Hazaribagh	Pachamba ...	.....	.....	0.13	0.19	1.55	.....	.....	3	1.87	2.09	4.05	5.70	5.51
		(Giridi) ...	.....	.....	0.09	.....	0.61	0.03	0.07	4	0.80	1.24	3.36	6.52	4.69
		Hazaribagh ...	.....	.....	.....	.....	0.96	.....	0.15	2	1.11	2.23	4.40	7.99	5.55
		Santagurah ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.29	5.23	5.23	5.23
		Manudi Hill ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.39	5.33	5.33	5.33
		Jhoomrah Hill ...	.....	.....	.....	.....	0.27	0.29	.....	2	0.54	0.89	?	6.16	?
		Barhi ...	.....	.....	.....	.....	.....	0.50	.....	1	0.50	0.50	?	8.72	?
		Chatra ...	.....	.....	.....	.....	1.54	.....	0.03	2	1.57	3.77	?	9.07	?
		Karagdeha ...	.....	.....	.....	.....	0.27	0.54	.....	4	2.56	2.90	?	8.44	?
	Lohardugga	Kamghar ...	.....	.....	1.22	0.33	0.27	.....	.....	.....	.....	.....	?	?	?
		Lohardugga ...	.....	.....	0.08	0.18	1.50	.....	.....	5	1.50	3.09	3.93	14.71	5.39
		Ranchi ...	.....	.....	0.54	0.12	0.20	0.65	0.08	5	1.50	3.09	3.93	14.71	5.39
		Palamow ...	.....	.....	.....	0.10	0.61	.....	.....	3	1.90	2.50	?	6.40	?
		Silli ...	.....	.....	.....	0.60	0.50	0.80	.....	3	1.90	2.50	?	6.40	?
		Balumut ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?	?
		Hosseinabad ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?	?
		Garwah ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?	?
	Singbhoom	Chyebassa ...	.....	0.05	0.17	0.27	0.26	.....	.....	4	0.75	0.83	3.94	10.24	6.06
		Chakradhar- pore.	.....	.....	0.11	1.24	.....	.....	.....	.....	.....	?	?	?	?
		Ghatilla ...	.....	0.89	0.98	0.09	.....	.....	.....	.....	.....	?	?	?	?
		Baharagura ...	.....	0.60	0.37	0.19	.....	.....	.....	.....	.....	?	?	?	?
		Purulia ...	.....	.....	0.21	0.08	0.82	0.31	.....	4	1.42	2.15	4.09	7.80	2.94
		Gobindapore ...	.....	.....	0.11	0.02	0.45	.....	0.26	4	0.84	2.03	3.49	5.85	4.67
	Manbhoom	Raghunath- pore.	.....	.....	0.26	.....	0.23	0.12	1.40	4	2.01	3.77	?	10.74	?
		Barrabhoom ...	.....	0.53	0.20	3	0.50	0.50	0.25	6	2.01	2.08	?	4.61	?
		Jhalda ...	.....	.....	.....	.....	0.22	.....	1.00	3	2.17	3.51	?	7.11	?
		Chas ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?	?

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 14th June 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE
17TH OF JUNE 1887.**

At the close of the previous week a rather feeble cyclonic storm had formed in the northern half of the Bay, which was accompanied by a very well marked cyclonic circulation of winds. On the 10th the centre of the storm was probably to the west of the centre of the Bay, and apparently opposite the coast between Gopalpur and Vizagapatam. By the indraught towards this storm the progress of the monsoon winds over Bengal was checked, and rainfall at this time over the province was scanty. On Saturday, the 11th, there was a decidedly rapid fall of pressure at the west coast stations of the Bay in the neighbourhood of the storm, and at the same time wind velocities at Diamond Island and in the north of the Bay increased very decidedly, showing that the storm was gradually and rather considerably intensifying. Similar conditions prevailed on the Sunday: pressure fell again at the coast stations and became very low, and wind velocities increased in the rear of the storm, and at Diamond Island blew very strongly, and it is probable that on this day the storm was of considerable strength, and weather over the northern part of the Bay was squally, if not stormy. The storm was also drifting slowly in a westerly direction. It was thought desirable on this day to warn the ships proceeding down the River Hooghly of the existence of the storm, and on the afternoon signal No. 5 was hoisted, which signified the existence of a small cyclonic storm in the Bay, the centre of which would probably cross the coast to the south of False Point. On Monday, at 10 A.M., the centre of the storm was almost over the coast about midway between Gopalpur and Vizagapatam. During the Sunday night pressure at Gopalpur was about 29.3", showing that the storm was one of moderate intensity; but it must also be remembered that the centre of the storm was at least 80 miles from the nearest meteorological station, so that probably at its centre pressure was far lower than that recorded. As the storm was passing inland, the storm signals were lowered on the Monday afternoon. Fairly strong winds were recorded in connection with the storm, but, as stated above, the meteorological stations were too far away to give any good record of the actual intensity of the storm. The storm afterwards drifted into the Central Provinces and subsequently filled up.

The storm which had been previously deflecting the monsoon current away from Bengal having thus commenced to pass over the land on the Sunday and Monday, another advance of monsoon winds took place over Bengal, and most districts reported rainfall from the Sunday, though the rain did not reach Behar until Monday. The winds blowing over Bengal became almost normal in direction after the storm had advanced inland, and a strong southerly and south-easterly current was reported up till Thursday; on this day, however, a strong westerly element appeared in the wind directions over the province, and at most of the western and southern stations winds were south-westerly. This setting in of westerly winds was apparently due to the extension of the influence of the Bombay branch of the monsoon current, which at this time was blowing very strongly. The westerly current still continued strongly pronounced on Friday, the 17th. These westerly winds, in driving back the easterly, south-easterly, and southerly monsoon winds which had previously been blowing from the Bay of Bengal, caused a considerable amount of interaction or interference, and therefore probably of ascensional motion, and consequently conditions became favourable for heavy rainfall, particularly in the north and east of the province, and on the last two or three days of the week rainfall was extremely heavy at many of the stations in these districts.

Pressure.—The variations of pressure have to a great extent been governed by the existence and movement of the small storm above described, but after it had disappeared, and pressure had risen so as to fill up the depression, a general fall of pressure took place over Bengal for several days. Consequently, at many stations, pressure is again below the normal, though, on the other hand, at some of the northern stations which were uninfluenced by the depression, pressure has been slightly above the normal. The extreme variation from the normal, at those stations from which records have been received for the largest number of years, have been a defect of 0.044" at Gopalpur and of 0.039" at False Point, and an excess of 0.012" at Purneah and Durbhunga.

Temperature.—The variations of temperature have been comparatively small during the week, except at the beginning. The mean temperature of the whole of Bengal for this period has been 1.3° in defect of the normal, but while East and North Bengal show temperatures in excess of the normal, the remainder of the province has been in defect. The defect has been to a great extent confined to Chutia Nagpur, where it equals 4.6°, and to Behar, where it has been 2.5°.

Rainfall.—Has been fairly general and frequent almost throughout the week, but the falls have been in most instances light, except towards the close of the week and in the northern and eastern districts. North Bengal and North Behar have received a fall in excess of the normal, while all the other districts in Bengal have been in defect. North Bengal has received the largest fall, and this district averages 6.38 inches of rain falling on 5.0 days, while the normal for the period is 4.78 inches falling on 4.2 days. Compared with the normal the actual represents 133 per cent. North Behar has received the next largest fall of 3.90 inches on 3.1 days, while the normal for the period is 2.75 inches on 2.7 days. The fall has therefore been both larger in amount and more frequent,

the actual fall representing 142 per cent. of the normal. All other districts have received falls in defect. East Bengal has received 3.30 inches, while the normal is 5.36 inches, and thus the actual fall is only 61 per cent. of the normal. South-West Bengal has received 2.36 inches, the normal for the period being 2.85 inches, and the percentage being 83. South Behar has received 1.74 inches, while the normal is 2.05 inches, and the actual is thus 85 per cent. Orissa has received an average of 1.30 inches against the normal 1.96 inches, and the percentage becomes 66; while in Chutia Nagpur the average fall has only equalled 1.28 inches, while the normal is 2.50 inches, and the percentage of the normal is therefore only 51. Taking these districts as having an equal value, the general rainfall of the week has been 89 per cent. of the normal. Some decidedly heavy falls at certain stations have been recorded for the week. Cooch Behar has received 21.33 inches, Alipore Duar (Julpigori District) 18.88 inches, and Kurigram 15.01 inches, while the following stations have received falls of between 10 and 15 inches:—Rungpore, Bagdogra, Julpigori, Fallacotta, Dinhatta, Matabhanga, Buxa and Siligori. The three stations—Kurigram, Cooch Behar and Alipore Duar—also received more than 10 inches of rain in a single day on the 15th and 16th. It will therefore be seen that the Rungpore, Julpigori, Cooch Behar and Darjiling Hills districts have been centres of particularly heavy rainfall during the week.

In Assam rain fall has again been tolerably plentiful during the week; Dhubri has received 9.68 inches, Silchar 4.11 inches and Sibsagar 3.34 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 17th of June 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	97.9	76.7	90.6	79.6	85.1	-0.8	1.30	1.96	-0.66	3.5	3.0	+0.5	1.44	5.71	8.17	5.63
South-West Bengal	97.3	72.9	90.2	79.0	86.6	-1.0	2.36	2.85	-0.49	4.6	3.5	+1.1	3.87	5.75	8.55	8.35
East Bengal	93.3	72.8	88.7	78.0	83.4	+1.6	3.30	5.36	-2.06	5.0	4.7	+0.3	8.28	10.96	10.02	15.49
North Bengal	94.0	70.8	89.5	77.4	83.5	+0.6	6.38	4.78	+1.60	5.0	4.2	+0.8	11.29	9.50	23.44	14.60
North Behar	98.0	73.6	91.5	78.2	84.9	-2.4	3.90	2.75	+1.15	3.1	2.7	+0.4	4.91	3.92	12.62	5.35
South Behar	100.4	75.0	93.3	79.3	86.3	-2.5	1.74	2.05	-0.31	3.3	2.6	+0.7	2.16	2.05	10.01	4.14
Orissa Nagpur	93.5*	71.4*	87.2*	73.3*	80.3*	-4.6*	1.28	2.50	-1.22	3.0	3.5	-0.5	2.17	3.85	8.34	5.15
Assam	94.6	74.3	88.5	76.7	82.6	-0.2										

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 21st June 1887.

A. PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 12th to 18th June 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Miles recorded.	Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
1887.		°		inches.	°	°	°	°	°	Inches.	°	%				Inches.	
June	12th	141.5	0.8	29.512	82.3	86.7	6.8	79.9	79.3	0.963	78.1	87	ENE and ESE	...	177	0.79	Cloudy, o, g, d, t, p, <.
"	13th	135.0	0.5	29.539	81.9	85.4	8.2	77.2	79.0	0.953	77.8	87	ESE and SSE	...	163	0.20	Chiefly cloudy, o, g, d, t, p.
"	14th	148.6	3.7	29.561	82.7	87.8	10.5	77.3	79.2	0.952	77.7	85	SE and SSE	...	215	0.18	Chiefly cloudy, d, p.
"	15th	153.5	6.0	29.549	83.6	89.5	11.1	78.4	79.9	0.974	78.4	85	SSW and S	...	253	0.34	Chiefly cloudy, o, g, d, t, p.
"	16th	154.0	7.4	29.517	86.1	93.7	12.5	81.2	81.0	0.990	78.9	80	SSW, WSW and variable.	and	234	0.73	Chiefly cloudy, o, g, t, p, <.
"	17th	146.5	2.2	29.477	85.3	92.6	14.4	78.2	80.3	0.968	78.2	80	SW by W and variable.	...	153	0.07	Chiefly cloudy, o, g, d.
"	18th	146.0	1.4	29.501	81.4	87.5	11.3	76.2	77.8	0.907	76.3	85	SE and WSW	...	104	0.03	Chiefly cloudy, o, g, t, d.

The mean pressure of the seven days	...	...	...	Inches	29.522
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	29.535
The total number of hours of bright sunshine	...	...	...	Hours.	22.0
The maximum possible number of hours of sunshine	...	...	...	...	94.2

The mean temperature of the seven days	...	...	...	°	83.3
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	84.5
The extreme variation of temperature.	...	...	...	...	17.5
The maximum temperature	...	...	...	...	93.7

The highest velocity of the wind in one hour	...	...	...	Miles.	18
				lbs.	5

The highest pressure of wind on one square foot	...	...	...	...	5
				%	84
The mean relative humidity	...	...	...	...	83
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	83

The total fall of rain from 12th to 18th June 1887	...	...	...	Inches.	2.34
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	3.51
The total fall from 1st January to 18th June 1887	...	...	...	...	13.86
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	16.42

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 8h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables compiled in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, < lightning.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India,

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 20th June 1887.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 12th to 18th June 1887.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches.
June	12th	81.2	87.9	9.6	78.3	79.4	.981	78.5	92	0.23
"	13th	81.3	88.0	10.4	77.6	79.9	1.003	79.3	93	0.23
"	14th	80.3	90.3	13.1	77.2	79.0	.975	78.5	94	0.18
"	15th	83.3	91.6	13.0	78.6	80.1	.985	78.8	86	0.54
"	16th	87.0	97.0	15.7	81.3	82.2	1.036	80.3	81	0.01
"	17th	86.0	95.0	16.3	78.7	81.6	1.020	79.8	82	0.92
"	18th	80.9	94.7	17.7	77.0	79.5	.989	78.9	93	0.16

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The total fall of rain from 12th to 18th June 1887

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 20th June 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE following is a summary of the main facts connected with the vital statistics of the principal Municipalities in Bengal for the week ending 4th June 1887, as deduced from the annexed table:—

1. That during the week in question births and deaths were registered in the proportions, respectively, of 15.9 and 19.8 per 1,000 of population, as opposed to 14.1 and 21 per 1,000, respectively, during the preceding week ending 28th May, indicating an improvement in the registration of births against a falling off in that of deaths.

2. That the undermentioned Municipalities returned the highest proportions of births and deaths:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Beauleah	...	36.8	Gya	...	38.3
Chittagong	...	32.9	Serampore	...	35.3
			Suburbs of Calcutta	...	30.4

3. That the casualty-rates from the principal diseases specified below, exhibit no noticeable variations in comparison with the death-rates from the same diseases in the preceding week:—

					Ratio per mille during the weeks ending—	
					4th June 1887.	28th May 1887.
Cholera	...	...	...	...	2.3	2.4
Small-pox	...	...	...	...	1	2
Fever	...	...	...	...	8.5	7.9
Bowel-complaints	...	...	...	...	2.4	2.9
Injury	...	...	...	...	2	4
Other causes	...	...	...	...	6.3	7.2

4. That cholera and the maladies returned under the head of "Other causes" proved most fatal in the following Municipalities, the rest of the diseases abovenamed not exhibiting any noticeable local severity:—

Cholera.			Other causes.		
		Ratio per mille.			Ratio per mille.
Suburbs of Calcutta	...	5.0	Gya	...	18.4
Patna	...	4.2	Serampore	...	15.7
Gya	...	4.1	Beauleah	...	13.1
			Suburbs of Calcutta	...	10.1

5. That in relation to Sex, Class and Age, the mortality of the week is found to have been distributed as follows:—

According to Sex.			According to Class.			According to Age.		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	20.8	Christians	...	30.4	Under 1 year	...	186.9
Females	...	18.7	Hindus	...	20.5	1 and under 5 years	...	33.2
Ratio of male deaths to every 100 female deaths	126		Mahomedans	...	18.0	5 " " 10 "	...	11.9
						10 " " 15 "	...	5.4
						15 " " 20 "	...	13.6
						20 " " 30 "	...	9.8
						30 " " 40 "	...	13.9
						40 " " 50 "	...	15.6
						50 " " 60 "	...	22.9
						60 years and upwards	...	35.5

The 20th June 1887.

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 4th June 1887.

DISTRICTS.			POPULATION.			BIRTHS.			DISEASE.										Sex.							
NAMES OF MUNICIPALITIES.			NUMBER OF —		RATIO PER 1,000 OF POPULATION PER ANNUM.		DEATHS FROM —						RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.							
			Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Males.	Females.	Males.	Females.
			Ratio of male births to every 100 female births.						Ratio of deaths per annum in the previous week.																	
Burdwan	...	...	18,083	16,017	34,080	3	1	4	4.6	1.5	6.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midnapore	...	...	16,927	16,683	33,590	5	4	9	7.7	6.2	13.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hughli	...	...	19,179	19,559	38,719	9	4	13	12.1	5.3	17.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13,559	12,937	26,496	2	6	8	3.9	11.8	16.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	3,046	2,464	5,510	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	33,153	37,099	70,252	25	12	37	14.3	6.9	21.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	7,836	6,979	14,815	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	147,205	104,294	251,439	51	46	97	10.5	9.5	20.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13,263	14,214	27,477	1	4	5	1.9	7.6	9.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	4,028	4,655	8,683	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13,168	15,979	29,057	2	3	5	3.5	5.3	8.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	4,530	3,655	8,185	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	10,761	9,025	19,786	6	8	14	15.8	21.0	36.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	5,029	2,947	7,976	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	42,583	37,379	80,161	10	7	17	6.5	4.5	11.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	7,093	4,956	12,049	1	1	2	4.1	4.1	8.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13,340	8,790	22,130	8	6	14	18.8	14.1	32.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	8,153	5,333	13,486	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	78,762	81,475	160,237	12	16	28	3.9	5.2	9.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	38,590	37,831	76,121	13	13	26	8.9	10.9	19.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	20,367	22,505	42,463	10	11	21	12.0	18.1	30.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	23,084	19,688	42,742	4	2	6	4.9	2.4	7.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	35,774	32,322	68,096	18	12	30	14.2	9.4	23.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	26,044	27,302	53,246	2	2	4	1.9	1.9	3.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	29,610	27,813	57,451	12	14	26	10.9	12.7	23.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	28,134	29,366	57,520	8	17	25	7.2	15.4	22.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	8,463	6,553	15,016	1	...	1	3.5	...	3.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13,217	11,557	24,784	4	1	5	8.4	2.1	10.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL			701,860	619,691	1,321,551	200	190	405	8.2	7.7	15.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MORTALITY ACCORDING TO -

Age.

RATIO PER 1,000 OF POPULATION PER ANNUM.

DEATHS.

RATIO PER 1,000 OF POPULATION PER ANNUM.

NAMES OF MUNICIPALITIES.

Class.

DEATHS AMONG -

DISTRICTS.

Districts	Christian.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.
Burdwan
Midnapore
Hughli
Serampore
Howrah
24 Pargannas
Nudda
Jessore
Rajshahye
Darjiling
Dacca
Chittagong
Tripura
Patna
Gya
Shahabad
Moulvibazar
Durgha
Saran
Bhagalpur
Monohyr
Purneah
Puri
TOTAL	7	361	136	...	...	364	205	180	109	70	30	12	26	51	61	48	42	55

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 20th June 1887.

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	276,155	2,56,700 9 0	29,11,723 20	6,29,238 3 0	18,734 8 0	9,04,682 4 0	64,231½	116,435½	180,667
Or per mile of railway ...	.....	169 0 0	.....	414 3 11	12 5 4	595 9 8	.....	.....	.....
For previous 22 weeks of half-year ...	5,713,030	63,82,407 6 0	6,07,91,235 30	1,52,29,260 13 3	4,19,181 0 4	2,20,30,849 3 7	1,488,026	2,547,374½	4,035,400½
Total for 23 weeks ...	5,989,185	66,39,116 15 0	6,37,02,959 10	1,58,58,499 0 3	4,37,915 8 4	2,29,35,531 7 7	1,552,257½	2,663,810	4,216,067½
COMPARISON.									
Total for corresponding week of previous year ...	277,582	2,55,732 8 8	28,41,811 30	7,03,526 4 3	18,674 11 7	9,77,333 8 9	65,272	131,917	197,189
Per mile of railway corresponding week of previous year ...	.....	168 12 9	.....	464 6 0	12 5 3	645 8 9	.....	.....	.....
Total to corresponding date of previous year ...	5,673,182½	64,58,057 3 4	6,55,86,020 30	1,60,89,173 15 6	4,98,719 0 3	2,30,45,950 3 1	1,550,407	2,767,320	4,317,727

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
1,515	Rs. 9,77,934	Rs. 646	1,519	Rs. 9,04,682	Rs. 596	1,515	Rs. 1,06,33,370	Rs. 7,019	1,519	Rs. 1,02,11,209	Rs. 6,722	Rs.	Rs. 4,22,161

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,677	5,533 3 0	46,778 0	2,940 10 0	31 12 0	8,505 9 0	1,609	1,603	2,672
Or per mile of railway ...	222	96 12 9	838 0	51 6 7	6 8 10	148 11 2	.....	.....	.....
For previous 22 weeks of half-year ...	310,096	1,60,393 12 0	13,03,978 30	76,929 10 9	1,172 4 3	2,38,486 11 0	36,692	20,453	57,145
Total for 23 weeks ...	322,773	1,65,926 15 0	13,49,856 30	79,861 4 9	1,204 0 3	2,46,992 4 0	38,301	21,516	59,817
COMPARISON.									
Total for corresponding week of previous year ...	12,602	5,601 5 3	37,418 20	—470 6 0	23 2 3	5,154 1 6	1,684	1,132	2,816
Per mile of railway corresponding week of previous year ...	220	97 14 9	654 10	—8 3 7	0 6 6	90 1 8	.....	.....	.....
Total to corresponding date of previous year ...	395,558½	1,57,322 4 11	12,31,543 10	80,864 6 0	1,105 13 6	2,39,292 8 5	38,526	21,033	60,179

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
57½	Rs. 5,533	Rs. 96	57½	Rs. 5,500	Rs. 149	57½	Rs. 1,05,802	Rs. 1,851	57½	Rs. 98,736	Rs. 1,725	Rs.	Rs. 7,166

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	3,765	646 6 0	11,579 0	349 15 0	9 9 0	1,065 14 0	199½	294	493½
Or per mile of railway	.....	53 13 10	.....	29 2 7	0 12 9	83 13 2	.....	.....	.....
For previous 22 weeks of half-year	68,790	11,548 14 0	4,36,557 20	12,250 2 0	189 9 6	24,018 9 6	7,114½	3,813	10,927½
Total for 23 weeks	72,545	12,195 4 0	4,48,136 20	12,600 1 0	199 2 6	25,024 7 6	7,314	4,107	11,421
COMPARISON.									
Total for corresponding week of previous year	3,444½	580 9 4	17,076 10	895 2 0	17 11 9	1,493 7 1	238	255	493
Per mile of railway corresponding week of previous year	.....	48 6 1	.....	74 9 6	1 7 8	124 7 3	.....	.....	.....
Total to corresponding date of previous year	67,497	11,546 10 7	7,38,048 10	14,380 2 0	1,032 11 9	20,959 8 4	4,914	6,763	11,677

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
12	1,403	124	12	1,006	84	12	14,722	1,227	12	12,213	1,018	.....	2,50

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	6,643	5,388 3 0	1,05,425 10	3,578 15 0	124 6 0	9,091 8 0	676	1,239½	1,945½
Or per mile of railway	.....	72 0 7	.....	47 13 6	1 10 7	121 8 8	.....	.....	.....
For previous 22 weeks of half-year	133,568	1,02,475 9 0	22,08,370 30	98,726 5 6	2,550 12 9	2,03,752 11 3	16,300½	26,846½	43,206½
Total for 23 weeks	140,211	1,07,863 12 0	23,73,796 0	1,02,365 4 6	2,675 2 9	2,12,844 3 3	17,036½	28,115½	45,152½
COMPARISON.									
Total for corresponding week of previous year	5,358½	3,000 7 2	90,763 20	3,506 4 0	70 7 0	7,576 2 2	651	1,065	2,316
Per mile of railway corresponding week of previous year	.....	53 7 6	.....	46 14 0	0 15 1	101 4 7	.....	.....	.....
Total to corresponding date of previous year	129,681	1,02,413 6 0	18,96,177 20	80,788 14 6	2,355 10 3	1,85,557 14 9	24,759	26,424	51,183

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
74½	7,576	101	74½	3,002	122	74½	78,750	1,053	74½	91,527	1,224	12,777	.....

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,145	4,729 0 0	8,075 0	316 13 0	12 0 0	5,057 13 0	904	64	968
Or per mile of railway ...	.....	212 8 7	.....	14 3 10	0 8 8	227 5 1	.....	.....	.....
For previous 22 weeks of half-year ...	453,253	1,19,970 2 0	1,86,569 30	6,419 10 0	158 15 0	1,26,548 11 0	20,800	1,630	21,830
Total for 22 weeks ...	471,398	1,24,089 2 0	1,94,644 30	6,736 7 0	170 15 0	1,31,606 8 0	21,704	1,694	22,798
COMPARISON.									
Total for corresponding week of previous year ...	22,114	5,893 10 4	5,809 10	230 1 0	10 7 3	6,134 2 7	923	45	968
Per mile of railway corresponding week of previous year ...	.....	264 14 2	.....	10 5 5	0 7 6	275 11 1	.....	.....	.....
Total to corresponding date of previous year ...	475,651	1,26,384 14 3	2,42,193 0	8,444 5 0	168 0 2	1,34,895 3 5	23,150	2,577	25,726

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 188.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
22½	Rs. 6,134	Rs. 276	22½	Rs. 5,058	Rs. 227	22½	Rs. 62,697	Rs. 2,818	22½	Rs. 61,048	Rs. 2,744	.....	Rs. 1,649

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,791	1,256 1 3	35,389 20	2,228 14 0	27 9 0	3,512 8 3	193	521	714
Or per mile of railway ...	.....	29 14 6	.....	53 1 1	0 10 6	83 10 1	.....	.....	.....
For previous 22 weeks of half-year ...	62,090	28,588 1 3	11,12,299 10	69,189 8 0	685 14 3	98,463 7 6	4,187	13,117	17,504
Total for 22 weeks ...	64,881	29,844 2 6	11,47,688 30	71,418 6 0	713 7 3	1,01,975 15 9	4,380	13,638	18,018
COMPARISON.									
Total for corresponding week of previous year ...	3,232½	1,444 5 10	11,135 0	1,535 1 0	17 15 0	2,997 5 10	340	248	588
Per mile of railway corresponding week of previous year ...	.....	34 6 3	.....	36 8 9	0 6 10	71 5 10	.....	.....	.....
Total to corresponding date of previous year ...	26,296½	11,246 12 7	1,61,448 0	13,398 4 3	225 8 3	24,870 9 1	3,343	2,789	6,132

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
42	Rs. 2,997	Rs. 71	42	Rs. 3,513	Rs. 84	42	Rs. 24,869	Rs. 592	42	Rs. 45,397	Rs. 1,081	Rs. 20,528	.....

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,000	9,000 0 0	50,000 0	2,600 0 0	50 0 0	11,650 0 0	3,786	1,424	5,210
Or per mile of railway ...	200	72 0 0	400 0	20 0 0	.....	92 0 0	.....	.....	.....
For previous 22 weeks of half-year ...	568,471	1,06,882 0 0	9,01,434 0	58,282 0 0	1,041 0 0	2,56,205 0 0†	84,136	31,707	1,15,003
Total for 23 weeks ...	593,471	2,05,882 0 0	9,51,434 0	60,882 0 0	1,091 0 0	2,67,855 0 0	87,922	33,191	1,21,113
COMPARISON.									
Total for corresponding week of year ...	35,000	18,452 0 0*	20,559 0	1,625 0 0	43 0 0	20,120 0 0	4,084	1,284	5,368
Of railway, corresponding week of previous year ...	250	148 0 0	164 0	13 0 0	.....	161 0 0	.....	.....	.....
Total to corresponding date of previous year ...	584,029	2,08,597 0 0	8,41,895 0	50,656 0 0	697 0 0	2,59,350 0 0	90,395	31,211	1,21,606

* Increase due to Dasahara bathing festival.

† Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 11TH JUNE 1887			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
125	20,120	161	125	11,650	93	125	1,20,997	97	125	1,24,044	100	3,947	.....

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 11th June 1887, on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 249 miles open ...	41,405	14,121 0 0	1,94,691 0	17,371 0 0	3,591 0 0	35,083 0 0	5,685	7,517	13,202
Or per mile of railway ...	166	56 11 0	782 0	69 12 0	3 0 0	129 7 0*	.....	.....	.....
For previous 22 weeks of half-year ...	847,750	3,24,624 0 0	38,79,814 0	3,64,317 0 0	70,496 0 0	7,59,431 0 0	124,821	131,299	256,120
Total for 23 weeks ...	889,155	3,38,745 0 0	38,74,505 0	3,81,698 0 0	74,081 0 0	7,94,514 0 0	130,506	138,816	269,322
COMPARISON.									
Total for corresponding week of previous year on 246 miles open	42,369†	15,421 6 6	1,71,769 10	18,746 4 6	10,385 14 10	44,553 9 10	5,250	5,551	10,801
Per mile of railway corresponding week of previous year	172	62 11 0	698 0	76 3 0	28 7 0	167 5 0*	.....	.....	.....
Total to corresponding date of previous year ...	818,792	2,93,496 12 10	31,10,358 20	3,12,418 9 11	77,447 5 5	6,83,362 12 2	111,057	117,539	228,626

* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
246	44,554	181	249	35,083	141	246	3,53,464	1,437	249	3,81,482	1,532	28,018	.....

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 11th June 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,053	1,245 9 2*	6,158 20	443 1 0	10 14 8	1,699 8 10	509	254	763
Or per mile of railway ...	112	45 11 0	226 0	16 4 0	0 6 0	62 5 0	.....	.....	.....
For previous 23 weeks of half-year ...	66,446	25,096 6 10	2,75,446 20	16,160 15 0	545 1 4	41,802 7 2	11,270	7,420½	18,690½
Total for 23 weeks ...	69,499	26,342 0 0	2,81,605 0	16,604 0 0	556 0 0	43,502 0 0	11,779	7,674½	19,453½
COMPARISON.									
Total for corresponding week of previous year ...	4,345	2,247 10 6	6,495 10	511 14 0	8 14 0	2,768 6 6	618	363	981
Per mile of railway corresponding week of previous year ...	156	82 8 0	238 0	18 12 0	0 5 0	101 9 0	.....	.....	.....
Total to corresponding date of previous year ...	61,165½	24,994 7 9	1,84,467 30	13,935 2 6	578 6 5	39,448 0 8	11,661	6,242	18,203

* There was an unusual increase of passenger traffic during the corresponding week of previous year. Hence the present decrease.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	
27½	Rs. 2,768	Rs. 102	27½	Rs. 1,700	Rs. 62	27½	Rs. 18,802	Rs. 683	27½	Rs. 19,641	Rs. 721	Rs. 749	.....

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 4th June 1887	...	...	...	Rs. 9,202
Corresponding week last year	...	...	...	10,709
Decrease	...	...	...	1,507
Receipts from 1st January to 4th June 1887	...	...	...	1,71,480
From 1st January to 5th June 1886	...	...	...	1,99,510
Decrease	...	...	...	28,030
Miles open, week ending 4th June 1887	...	...	...	Miles. 51
Corresponding week last year	...	...	...	50½
Increase	...	...	...	½
Receipts per mile open, week ending 4th June 1887	...	...	...	Rs. A. P. 180 6 11
Corresponding week last year	...	...	...	211 0 3
Decrease	...	...	...	30 9 4

CHIEF OFFICE, DARJEELING, the 11th June 1887.

W. STEVENSON, Secretary, D. H. Ry.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 29, 1887.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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INTERNATIONAL EXHIBITION OF INDUSTRY, SCIENCE AND ART, GLASGOW, 1888.

Circular No. 9Ex.
7A-22

Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Museum—Exhibition),—under date Simla, the 20th June 1887.

READ—The following despatch, with enclosures, from Her Majesty's Secretary of State for India, regarding the International Exhibition of Industry, Science, and Art, to be held in Glasgow during the summer of 1888.

No. 50, dated London, 28th April 1887.

From—Her Majesty's Secretary of State for India,

To—His Excellency the Right Honourable the Governor-General of India in Council.

I FORWARD herewith a copy of a letter, and its enclosure, from Sir Archibald Campbell-Campbell, Bart., M.P., and the Honourable the Lord-Provost of Glasgow, for the information of Your Excellency, and for such measures as you may see fit to take, with a view to give publicity to the proposal they announce for holding an International Exhibition at Glasgow during the summer of 1888.

No. 488, dated Glasgow, March 1887.

From—A. C. CAMPBELL, Esq., President, and the Hon'ble JAMES KING, Chairman, Executive Council, International Exhibition of Industry, Science, and Art, Glasgow.

To—Her Majesty's Secretary of State for India.

WE have the honour to inform Your Lordship that an International Exhibition of Industry, Science, and Art is to be held in Glasgow during the summer of 1888.

We enclose a list of the Executive Council, from which Your Lordship will see that the project is to be guided by the leading Noblemen and Gentlemen of Scotland, as well as by the most influential of the Citizens of Glasgow.

To show the interest taken in the proposed Exhibition, we may mention that the Guarantee Fund amounts to over £227,000, being larger than that raised by any previous Exhibition.

As Glasgow may be regarded as the Commercial Capital of Scotland, it is of the utmost importance that exhibits of Indian industries and arts should be collected for the information and education of the people.

Recognising the great advantages which would accrue to the Exhibition through the support of Her Majesty's Government, we beg most respectfully to bring it under Your Lordship's notice, in the hope that you may be pleased to take measures for having the Exhibition made known throughout the Indian Empire by the India Office.

INTERNATIONAL EXHIBITION OF INDUSTRY, SCIENCE, AND ART,
KELVINGROVE PARK, GLASGOW, 1888.

*Under the patronage of
Her Most Gracious Majesty the Queen.*

T.R.H. DUKE AND DUCHESS OF EDINBURGH.
H.R.H. DUCHESS OF ALBANY.
T.R.H. PRINCE AND PRINCESS CHRISTIAN.
H.R.H. DUKE OF CAMBRIDGE.

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TO PATENTEES.

PATENTS, DESIGNS, AND TRADE MARKS.

46 & 47 VIC., CAP. 57.]



[A.D. 1883.]

An Act to amend and Consolidate the Law relating to Patents for Inventions, Registration of Designs, and of Trade Marks.

PART II.—PATENTS.

39. The Exhibition of an invention at an Industrial or International Exhibition certified as such by the Board of Trade, or the publication of any description of the invention during the period of the holding of the Exhibition, or the use of the invention for the purpose of the Exhibition in the place where the Exhibition is held, or the use of the invention during the period of the holding of the Exhibition by any person elsewhere without the privity or consent of the inventor, shall not prejudice the right of the inventor or his legal personal representative to apply for and obtain provisional protection and a patent in respect of the invention or the validity of any patent granted on the application, provided that both the following conditions are complied with, namely :—

- (a) The Exhibitor must, before exhibiting the invention, give the Comptroller the prescribed notice of his intention to do so; and
- (b) The application for a patent must be made before or within six months from the date of the opening of the Exhibition.

PART III.—DESIGNS.

57. The Exhibition, at an Industrial or International Exhibition, certified as such by the Board of Trade, or the Exhibition elsewhere during the period of the holding of the Exhibition, without the privity or consent of the proprietor, of a design, or of any article to which a design is applied, or the publication, during the holding of any such Exhibition, of a description of a design, shall not prevent the design from being registered or invalidate the registration thereof, provided that both the following conditions are complied with, namely:—

- (a) The Exhibitor must, before exhibiting the design or article, or publishing a description of the design, give the Comptroller the prescribed notice of his intention to do so; and
- (b) The application for registration must be made before or within six months from the date of the opening of the Exhibition.

“Patents, Designs, and Trade Marks Act, 1883.”

“Upon the application of Mr. William M. Cunningham, of 27, St. Vincent Place, Glasgow, made to the Board of Trade on the Eleventh of March, 1887, the Board of Trade do hereby certify that the International Exhibition of Industry, Science, and Art proposed to be held in the year 1888 at Kelvingrove Park, Glasgow, is an International Exhibition.

“Signed by order of the Board of Trade this Fifteenth day of March, 1887.

“COURTENAY BOYLE,

“Assistant Secretary, Board of Trade.”

PROSPECTUS.

It has been decided to hold an International Exhibition at Glasgow during the Summer of 1888, and Her Majesty the Queen has been graciously pleased to lend her Royal patronage to the undertaking.

The proposal has been taken up by the Nobility and Gentry of Scotland, and by the Citizens of Glasgow and other Towns, with such general approval that the Guarantee Fund already exceeds £235,000, and is still being increased.

The City of Glasgow is situated in the centre of the Chief Industries of Scotland, and has, including its suburbs, a population of 761,000, and including the surrounding districts and neighbouring towns, a population exceeding 1,500,000. Edinburgh and other centres of population are within one hour's journey, and Tourist routes to the Western Highlands radiate from Glasgow.

The objects of the Exhibition are to promote and foster Industry, Science, and Art, by inciting the inventive genius of our people to a still further development in Arts and Manufactures, and to stimulate Commercial Enterprise by inviting all Nations to exhibit their Products, both in the raw and finished state. Examples of the Manufactures by which Glasgow and the surrounding districts have become famous—Chemical, Iron, and other Mineral Products, Engineering, Shipbuilding, Electrical and Scientific Appliances, and Textile Fabrics—will be exhibited both in process of manufacture and in the finished state.

Similar and more varied Exhibits may be expected from other parts of Great Britain and from the Continent; whilst from America, India, the Canadian, Australian, Cape, and other Colonies, promises of substantial support have been received.

A Fine Art Section will form an important part of the Exhibition. For the accommodation of the Art Treasures and Historical Objects a special block of the building will be reserved; and the most ample precautions will be taken for the security of valuable property lent for the purposes of the Exhibition. A special Prospectus, Classification and series of Regulations will be issued for this Section.

Two Sections—viz., “The Women's Industries Section” and the “Artisan Section”—will be special features; and in connection with the former, Her Grace the Duchess of Abercorn is Convener for Ireland, the Right Hon'ble the Countess of Rosebery for England and Wales, and the Hon'ble Lady Campbell, of Blythswood, and Mrs. King for Scotland, the Colonies, and Foreign Countries.

The site which has been granted by the City Corporation for the Exhibition Buildings extends to 60 acres, and is one of exceptional beauty and convenience. It comprises the Western portion of the Kelvingrove Park and the slopes of Gilmorehill, which are crowned by the University Buildings.

The Buildings which it is proposed to construct will cover about 10 acres, and will be erected according to plans prepared by eminent architects. The ornamental flower pots, pond, and fountains of the Kelvingrove Park will be included in the Exhibition Grounds, and the terraces in front of the University Buildings are well adapted for the effective

display of electric lighting and pyrotechnic illuminations, as well as for the enjoyment of musical promenades and other entertainments which it is intended to provide.

The River Kelvin, which intersects the grounds, will be available for the Exhibition of Naval Shipbuilding and Life-Saving Apparatus, either in motion or not. The reach of the river which can be utilised for this purpose has a length of 1,500 feet, a width of 90 feet, and a depth of 6 feet.

The situation of the Exhibition Buildings is specially convenient of access for Exhibitors, as by means of the lines of rails—which can be made use of at night for the passage of railway trucks, and which will, if possible, be carried into the Exhibition Grounds at more than one point—heavy goods can be delivered at a minimum cost and with the least possible amount of risk. In addition to this, the port of Glasgow offers a cheap and ready means for the delivery and redelivery of sea-borne goods.

It is intended to afford full postal, telephonic, telegraphic, and banking facilities within the Exhibition Buildings, so that all necessary business may be conducted by Exhibitors and others without leaving the premises.

The whole arrangements are in the hands of the Executive Council, which has been chosen from the General Council of Guarantors, and has for its Chairman the Hon. the Lord-Provost of Glasgow.

GLASGOW, April 1887.

President :

SIR ARCHIBALD CAMPBELL-CAMPBELL, of BLYTHSWOOD, BARONET, M.P.

Vice-Presidents :

HIS GRACE THE DUKE OF HAMILTON AND BRANDON, KT.

HIS GRACE THE DUKE OF ARGYLL, K.G., K.T.

HIS GRACE THE DUKE OF BUCCLEUCH AND QUEENSBERRY, KT.

HIS GRACE THE DUKE OF MONTROSE, KT.

THE MOST NOBLE THE MARQUESS OF BUTE, KT., President of Fine Art Committee.

THE MOST HONOURABLE THE MARQUESS OF BREADALBANE.

THE MOST HONOURABLE THE MARQUESS OF LOTHIAN, KT., Secretary for Scotland.

THE RIGHT HONOURABLE THE EARL OF HOME, Lord-Lieutenant of the County of Berwick.

THE RIGHT HONOURABLE THE EARL OF ROSEBURY, Lord-Lieutenant of the Counties of Midlothian and Linlithgow.

THE RIGHT HONOURABLE THE EARL OF STAIR, KT., Lord-Lieutenant of the Counties of Wigtown and Ayr, and Chancellor of the University of Glasgow.

THE RIGHT HONOURABLE ARTHUR JAMES BALFOUR, of Whittinghame, M.P., Secretary for Ireland.

THE HONOURABLE JAMES KING, of Campsie, LL.D., Lord-Provost of the City of Glasgow.

THE RIGHT HONOURABLE THE LORD-PROVOST OF THE CITY OF EDINBURGH.

Honorary Members of the Association :

THE MOST HONOURABLE THE MARQUESS OF AILSA.

THE RIGHT HONOURABLE THE EARL OF ABERDEEN, LL.D., Lord-Lieutenant of Aberdeenshire.

THE RIGHT HONOURABLE THE EARL OF CATHCART.

THE RIGHT HONOURABLE THE EARL OF ELGIN AND KINCARDINE, LL.D.

THE RIGHT HONOURABLE THE EARL OF FIFE, K.T., Lord-Lieutenant of the County of Elgin.

THE RIGHT HONOURABLE THE EARL OF GLASGOW, LL.D., Lord Clerk-Register of Scotland.

THE RIGHT HONOURABLE THE EARL OF KINNOULL.

THE RIGHT HONOURABLE THE EARL OF KINTORE.

THE RIGHT HONOURABLE THE EARL OF MAR.

THE RIGHT HONOURABLE THE EARL OF MAR AND KELLIE.

THE RIGHT HONOURABLE THE EARL OF MORTON.

THE RIGHT HONOURABLE THE EARL OF ROSSLYN.

THE RIGHT HONOURABLE THE EARL OF SEAFIELD.

THE RIGHT HONOURABLE THE EARL OF WEMYSS AND MARCH, LL.D.

THE RIGHT HONOURABLE THE LORD VISCOUNT STRATHALLAN.

THE RIGHT HONOURABLE THE LORD BALFOUR OF BURLEIGH.

THE RIGHT HONOURABLE THE LORD BELHAVEN AND STENTON.

THE RIGHT HONOURABLE THE LORD COLVILLE OF CULROSS, KT.

THE RIGHT HONOURABLE THE LORD FORBES.

THE RIGHT HONOURABLE THE LORD HAMILTON OF DALZELL.

THE RIGHT HONOURABLE THE LORD LAMINGTON.

THE RIGHT HONOURABLE THE LORD MONCRIEFF, LL.D.

THE RIGHT HONOURABLE THE LORD MACDONALD.

THE RIGHT HONOURABLE THE LORD ORANMORE AND BROWNE.

THE RIGHT HONOURABLE JOHN INGLIS, of Glencorse, Lord Justice-General, and Lord-President of the Court of Session.

THE RIGHT HONOURABLE JOHN HAY ATHOLE MACDONALD, Q.C., C.B., LL.D., M.P., Lord-Advocate for Scotland.

JAMES PATRICK BANNERMAN ROBERTSON, Esquire, Q.C., M.P., Solicitor-General for Scotland.

THE RIGHT HON'BLE SIR JAMES FERGUSON, Baronet, of Kilkerran, K.C.M.G., C.I.E., M.P.
 SIR THOMAS EDWARD COLEBROOKE, Baronet, of Crawford, Lord-Lieutenant of the County of Lanark.
 SIR MICHAEL ROBERT SHAW-STEWART, Baronet, of Greenock and Blackhall, Lord-Lieutenant of the County of Renfrew.
 HUMPHREY EWING CRUM-EWING, Esquire, of Strathleven, Lord-Lieutenant of the County of Dumbarton.
 SIR WINDHAM CARMICHAEL ANSTRUTHER, Baronet, of Carmichael.
 SIR ARCHIBALD ORR-EWING, Baronet, of Ballikierain, M.P.
 SIR CHARLES TENNANT, Baronet, of the Glen.
 SIR JAMES BAIN, 3, Park Terrace, Glasgow.
 SIR WILLIAM COLLINS, 3, Park Terrace, East, Glasgow.
 SIR PETER COATS, of Auchendrain, Ayrshire.
 SIR MICHAEL CONNALL, 16, Lynedoch Crescent, Glasgow.
 SIR WILLIAM THOMSON, LL.D., D.C.L., The College, Glasgow.
 SIR JAMES WATSON, 9, Woodside Terrace, Glasgow.
 THE VERY REVEREND PRINCIPAL CAIRD, D.D., LL.D. The College, Glasgow.
 WILLIAM WALLACE HOZIER, Esquire, of Maidslie, Convener of the County of Lanark.
 PATRICK BOYLE SMOLLETT, Esquire, of Bonhill, Convener of the County of Dumbarton.
 ROBERT BERRY, Esquire, LL.D., Sheriff of the County of Lanark.
 THE HON'BLE HENRY JAMES MONCRIEFF, Sheriff of the Counties Renfrew and Bute.
 JOHN G. A. BAIRD, Esquire, of Muirkirk, M.P.
 JAMES CALDWELL, Esquire, M.P.
 CHARLES CAMERON, Esquire, M.D., LL.D., M.P.
 JAMES A. CAMPBELL, Esquire, of Stracathro, LL.D., M.P.
 ARCHIBALD CAMERON CORBETT, Esquire, M.P.
 DONALD CRAWFORD, Esquire, M.P.
 R. B. CUNNINGHAME-GRAHAM, Esquire, of Ardoch and Gartmore, M.P.
 JAMES HOZIER, Esquire, Younger of Maidslie, M.P.
 STEPHEN MASON, Esquire, M.P.
 WILLIAM PEARCE, Esquire, M.P.
 A. D. PROVAND, Esquire, M.P.
 EDWARD RICHARD RUSSELL, Esquire, M.P.
 ALEXANDER CRAIG-SELLAR, Esquire, M.P.
 M. H. SHAW-STEWART, Esquire, Younger of Ardgowan, M.P.
 HUGH WATT, Esquire, M.P.
 PETER CLOUSTON, Esquire, 1, Park Terrace, Glasgow.

Regulations for Exhibitors.

- Date. I. AN INTERNATIONAL EXHIBITION OF INDUSTRY, SCIENCE, AND ART, under the patronage of Her Majesty the Queen, will be held in Glasgow in 1888.
- Opening. 2. The Exhibition will be opened early in May, and will continue open for a period of about six months.
- Objects. 3. The principal objects to be exhibited are comprised in the accompanying classification, which must not be considered to be exhaustive.
4. It is not intended to issue any Awards.
5. Charge will be made for space, except in special cases to be determined by the Executive Council. The charge for space inside the building will be 2s. per square foot, with a minimum charge of £2 10s. Whatever vacant space Exhibitors require around their Exhibits, beyond the usual passages, will have to be paid for, and Exhibitors requiring wall-space must mention the fact when making application, when they will be informed on what conditions it will be granted. Space in the grounds will be let at rates to be arranged by the Committee, but in such cases plans must accompany application, and all surface damage must be made good by the Exhibitor on removal. Payment to the extent of 25 per cent. of the amount payable must accompany the application, and the balance must be forwarded on receipt of the notice of allotment. In no case, however, can the deposit be less than the minimum charge of £2 10s. Exhibits will on no account be allowed to be placed unless payment has been arranged. Spaces not occupied seven days previously to the opening of the Exhibition will be otherwise allotted, and all payments made in respect thereof absolutely forfeited. Exhibitors will have to pay all expenses of conveying, delivering, arranging, fixing, and removing their Exhibits, and also the cost of the erection of all fixtures, screens, and counters when required; and they must personally, or by a representative, superintend the transmission, reception, unpacking, installation, and (at the close of the Exhibition) the removal of their goods. The Executive Council reserve to themselves the right of doing whatever may be considered necessary at the expense of the Exhibitor, unless this regulation is strictly complied with. Should any goods be deposited in the Exhibition premises during the absence of the Exhibitor or his representative, the
- Expenses to be borne by Exhibitors.

Executive Council will not be responsible for any loss or damage from whatsoever cause arising.

6. Motive power, gas and water will be supplied by the Executive Council free of charge within certain limits, and subject to certain regulations. Exhibitors requiring motive power must fill up the special Application Form which has been prepared for this Section, and which will be supplied by the Secretary upon application. Exhibitors requiring Counter Snafting, Pulleys, and Belting must supply these at their own expense.

7. Schedules of application for space may be had from the Secretary, W. M. Cunningham, 27, St. Vincent Place, Glasgow. These must be filled up and returned on or before 1st October 1887. The decision of the Space Committee will be notified as soon as possible after that date.


8. The nature of the articles which it is proposed to exhibit must be fully specified in the

9. The Executive Council reserve the right to refuse any Exhibit, without stating any reason for so doing.

10. The Foreign and Colonial Commissioners appointed by the respective Governments are invited to communicate with the Secretary. The Executive Council will place at their disposal all information and plans that may be useful to them.


11. Applicants for space from countries in which no Commissioner has been appointed will correspond directly with the Secretary.

12. The Executive Council will endeavour to obtain from the various Railways and Carriers special terms for the conveyance of Exhibitors' goods to and from the Exhibition, and these arrangements will be communicated to intending Exhibitors.

13. All packages containing goods for Exhibition must have painted on them the distinctive Mark  together with the

name and address of the Exhibitor, and the allotment number of the space. Labels for this purpose will be supplied to each Exhibitor.

14. Packages from Foreign Countries must likewise have painted on them the distinctive mark

 They must also be marked in such a way as to show distinctly the name of the Exhibitor and the country from whence they come, as well as the allotment number of the space.

15. No Case, Counter, Platform, Screen or Partition must (without special permission) exceed the following dimensions :—

Dimensions of Cases, &c.			
Show-cases and partitions	...	...	10 feet above the floor.
Counters	...	...	2 feet 6 inches above the floor.
Platforms	...	...	1 foot above the floor.

16. Exhibitors may erect Railings around their Stands, and provide Canopies, subject to approval; in every instance these Railings and Canopies must be within the area of the space allotted. In the case of machinery in motion, it is imperative that it be sufficiently railed.

17. The Flooring must not be altered, removed, or strengthened, except by sanction of the Executive Council, and at the expense of the Exhibitor.

18. No Exhibitor will be permitted to display Exhibits in such a manner as to obstruct the light, or project beyond the space allotted, or impede the view along the open spaces, or occasion injury or inconvenience to other Exhibitors.

19. In order to insure uniformity of decoration, no Exhibitor will be allowed to put up flags, banners, or other kind of decorations without permission, and for covering counters, screens, or partitions, a material will be selected, which may be bought by Exhibitors at the building.

20. Signs or Name-boards must be placed to the satisfaction of the Space Committee, and must in no case interfere with the lighting. They must be black, with gold letters.

21. All Hand-bills, Printed Matter, &c., connected with Exhibits, and intended for gratuitous distribution, must first receive the approval and authority of the Executive Council, which permission may be withdrawn at any time.

22. Cases must be unpacked immediately on arrival, and the empty cases removed by the Exhibitors or their Agents. The Executive Council cannot accept any responsibility with reference to empty cases, which must be at once removed from the buildings at the expense of the Exhibitors. The Executive Council reserve to themselves the right of doing whatever may be considered necessary, at the expense of the Exhibitors, unless this rule is strictly complied with.
- Empty cases.
23. Exhibitors will be required to provide all necessary attendance, and to keep their Stands and Exhibits properly cleaned and in good order during the whole period of the Exhibition. The Executive Council reserve the right to impose a penalty for a breach of this regulation, and to order the removal of any Attendant whose behaviour they consider unseemly.
- Attendance.
24. No Exhibitor will be allowed to transfer any portion of the space allotted to him, or to allow any other than his own duly-admitted Exhibits to be placed thereon except by permission of the Executive Council.
- Non-transfer of Space.
25. All goods must be exhibited in the name of the individual or Firm signing the Application Form.
- Name.
26. Exhibitors are requested to mark the selling price of the articles exhibited for the information of visitors to whom they may explain their Exhibits; but they will in all cases be forbidden, unless special permission in writing has been obtained from the Executive Council, to invite or to allow visitors to purchase goods for removal at the time of purchase, the Exhibition being intended for the purpose of display. Orders can be taken within the Exhibition, but the goods must be delivered from establishments outside. Special Regulations will, however, be made with regard to perishable articles manufactured in the Exhibition.
- Selling.
27. No Exhibit or part thereof can be removed before the close of the Exhibition without the special permission of the Executive Council. Exhibits not removed within fifteen days after the close of the Exhibition will be warehoused at the cost and risk of the owners, and whatever may remain after three months will be sold by auction, and the proceeds applied to defray expenses.
- Removal.
28. No goods will be received prior to March 1888 without special permission, nor after 20th April 1888; but prior arrangements may be made for Motors, Boilers, or any Exhibits requiring under-building.
- Date of Reception.
29. Special care will be required by the Executive Council, who may make special regulations, in cases where Fire or Gas is used by Exhibitors, and a responsible officer will be appointed to carry out the injunctions of the Council in this respect. Exhibitors will require to effect their own assurance on their Exhibits.
- Fire risk.
30. No explosives, or any substances which, in the judgment of the Executive are dangerous, will be admitted, but they may be represented by models.
- Dangerous Substances.
31. Spirits, oils, corrosive substances, and generally all substances which might spoil other articles or inconvenience the public, can only be exhibited in solid and suitable vessels.
- Spirits, Oils, &c.
32. The Executive Council reserve to themselves the right of examining or testing any of the Exhibits. If any damage or injury shall be occasioned during the Exhibition by any exhibited machine, implement, or article, to any visitor or other person, then the Exhibitor to whom such machinery, implement, or article may belong, shall be responsible for in the first instance, and shall besides indemnify and hold harmless the said Council from or against all actions, suits, expenses, and claims on account or in respect of any such damage or injury which may be so caused.
- Testing. Damage caused by Exhibits.
33. No article exhibited may be copied, photographed, drawn, or reproduced in any manner without the special permission of the Exhibitor and of the Executive Council.
- Photography, &c.
34. Passes to the Exhibition will be granted to Exhibitors and to a reasonable number of attendants. If these Passes be used by any but those to whom they are issued, they will be immediately cancelled.
- Passes.
35. The Executive Council reserve to themselves the sole right of compiling and printing a Catalogue of Exhibits, under Regulations which will be duly notified.
- Catalogue.
36. The right to alter, amend, add to, or cancel any of these Rules, is reserved by the Executive Council.
- Right to alter Rules.

37. All who become Exhibitors shall be held by so doing to signify their compliance with the whole of these Regulations together with such other Regulations as the Executive Council may issue from time to time
38. The Executive Council reserve the right to remove the Exhibits of any one who does not conform to the Regulations.
39. The Executive Council will not be responsible for loss or damage occurring from any cause whatsoever to any Exhibit or other property belonging to any Exhibitor or any other person.

The following are the Headings of the Classification of Exhibits:—

- Class I.—Agriculture, Horticulture, and Arboriculture.
- Class II.—Mining and Metallurgy; Minerals; Quarrying and Fuel.
- Class III.—Civil Engineering, Construction, and Architecture; Sanitary Appliances; Aëronautics.
- Class IV.—Naval Architecture and Engineering.
- Class V.—Prime Movers and means of Distributing their power; Railway plant.
- Class VI.—Machinery; Machine Tools; Hydraulic Machines, and Machines for Raising Heavy Weights; Elements of Machines; Furnaces.
- Class VII.—Road Carriages; Bicycles; Tricycles; Ambulance.
- Class VIII.—Cutlery and Ironmongery; Fire Arms; Military Weapons.
- Class IX.—Heating and Cooking Apparatus.
- Class X.—Gas and Illuminants (other than Electricity).
- Class XI.—Electricity.
- Class XII.—Chemistry and Apparatus, Processes, and Appliances connected with Applied Chemistry and Physics; Philosophical Instruments and Apparatus.
- Class XIII.—Food (including Drinks).
- Class XIV.—Textile Fabrics; Leather; India-Rubber and Gutta-Percha; Clothing.
- Class XV.—Paper; Printing; Book-binding and Stationery.
- Class XVI.—Furniture and Decoration; Fancy Goods.
- Class XVII.—Pottery and Glass.
- Class XVIII.—Jewellery; Clocks, Watches and other Time-keepers.
- Class XIX.—Fisheries.
- Class XX.—Education and Apparatus for Physical Training.
- Class XXI.—Music and Musical Instruments.
- Class XXII.—Fine Arts (including Photography, Engraving, &c.).
- Women's Industries Section.
- Artisan Section.

In the Fine Arts Section, Women's Industries Section, and Artisan Section the space will be given free. In all the other Sections space will be charged for at the rate of 2s. per square foot.

READ ALSO—The following Notification, dated the 22nd April 1887, issued by Messrs. Finlay, Muir & Co. on behalf of the Glasgow Exhibition Executive Council:—

Glasgow International Exhibition.

An International Exhibition will be opened at Glasgow in May 1888, for which specimens of art-exhibits will be received from private exhibitors.

2. Besides articles which will be displayed at the Exhibition during the whole time it is kept open, extra sets of art-manufactures will be accepted for sale and immediate delivery to purchasers. Stalls will be opened at the Exhibition for the sale of such articles. The price of articles sold either at the Exhibition or in the stalls will be at once realised and remitted to the exhibitors in India every week or fortnight as it may be found convenient.

3. Articles of inferior workmanship, or articles on which an undue price has been put, will not be accepted.

4. Applications for space should be made in the accompanying form before the 1st of July next. If the exhibits are approved, space will be given free.

5. The Exhibition authorities undertake to pay freight of such exhibits from Calcutta, Bombay, or Madras to Glasgow, and the same of unsold articles returned from Glasgow to the abovementioned ports. Inland freight in India must be borne by the exhibitor.

6. All exhibits must be despatched from India before the 1st of January 1888.

7. The authorities of the Glasgow International Exhibition have, with the permission of the Government of India and the Trustees of the Indian Museum, entrusted the general arrangements of the Indian section of this Exhibition to Mr. T. N. Mukharji, F.R.S., Assistant Curator, Economic and Art Museum, Calcutta, and the collection of exhibits from the different provinces of India, except Madras and Bombay, Committees having been appointed to look after the representation of these presidencies.

For the whole of India the entire working of the following departments has been left in the hands of Mr. Mukharji :—

Products (raw, &c., native shops, &c.).
Ethnology (Types, Models, &c.).
Tea, Coffee, and Cigar rooms.

8. The following are the Committees :—

For Madras—

Dr. G. Bidie, M.B., F.L.S., C.I.E., Surgeon-General with the Government of Madras.
Dr. E. Thurston, L.R.C.P., L.R.C.S.E., Superintendent, Central Museum.
Mr. E. B. Havell, Principal, School of Art.
Mr. G. Jackson, of Messrs. Gordon, Woodroffe & Co., to whom all communications should be addressed.

For Bombay—

Hon'ble Forbes Adam (Chairman).
Sir Jamsetjee Jeejeebhoy.
Mr. Jairazbhoy Peerbhoy.
„ Varjeevundass Madhawdass.
Hon'ble S. D. Sassoon.
Mr. E. Greenwood, Principal, School of Art.
„ J. Littleton Symons, Messrs. } to either of whom all communications should
Finlay, Muir & Co. } be addressed.
„ A. Arthur.

For N.-W. Provinces and Oudh—

Mr. A. H. Pirie, Secretary, Provincial Museum, Lucknow.
Baboo Gungadhar Ganguli, Assistant Curator, Provincial Museum, Lucknow.

For Jaipur and Rajputana—

Surgeon-Major T. H. Hendley.

*For Bengal and the North-West.—*All communications should be addressed to Mr. T. N. Mukharji, F.L.S., Assistant Curator, Economic and Art Museum, Calcutta, or to Mr. R. Williamson, of Messrs. Finlay, Muir & Co., Calcutta, who, with Sir Edward Buck, Secretary to the Government of India as Chairman, will form a Committee for Bengal.

On behalf of the Glasgow Exhibition Executive Council.

FINLAY, MUIR & Co.

Calcutta, 22nd April 1887.

ORDER.—Ordered that the above papers be published in the Supplement to the *Gazette of India* for general information, and that a copy be sent to the Local Governments and Administrations noted on the margin for information, with the request that the papers may be published in the Local Gazette.

Government of Madras.	
" " Bombay.	
" " Bengal.	
" " North-Western Provinces and Oudh.	
" " Punjab.	
Chief Commissioner of the Central Provinces.	
" " " Burma.	
" " " Assam.	
" " " Coorg.	
Resident at Hyderabad.	

Ordered also that a copy be forwarded to the Chief Commissioner of Ajmere and Merwara for information, and to the Foreign Department for information and communication to Native States.

W. R. LAWRENCE,

For Secretary to the Government of India.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 25th June 1887.

No.	District and date of return.	Rainfall at Sudder station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan. June 25, '87	1.65	Weather—seasonable, though sultry. Prospects of crops good. Common rice about 23 seers per rupee. Public health good.
	Culina	1.57	
	Cutwa	1.26	
	2 Raneegunge „ 25, '87	2.27	Weather—seasonable. Transplanting of paddy has commenced in places in the Bishenpore sub-division. Seedlings doing well. Rain much wanted. Public health good.
	Bankura „ 25, '87	2.65	
	Bishenpore „ ..	4.41	A break in the rains. Weather sultry at noon, but cool at night. Heavy rain fell throughout the district during the early part of the week and was of great service in permitting the transplantation of <i>amun</i> paddy to be completed. Young rice is coming up well. Sugarcane is a promising crop. Public health excellent. Prices of food-grains rising, owing to the rainfall interfering with transport.
	3 Beerbhoom „ 25, „	3.27	
	Rampore Haut „ ..	5.66	Weather—seasonable. State and prospect of crops excellent.
	4 Midnapore „ 25, '87	3.95	
	5 Hooghly „ 25, „	3.81	Weather—rather drier than usual. All crops and agricultural operations are going on well. Public health good.
PRESIDENCY DIV.	Serampur „ ..	2.54	
	Jehanabad „ ..	1.06	Weather—rain early in week, latterly sultry. Break in rains. <i>Amun</i> rice is being planted out. Crops growing well.
	Howrah „ 25, „	1.54	
	Oolooberiah „ ..	0.73	<i>Central Districts.</i>
	6 24-Perghs., June 25, '87	3.21	
	7 Nuddea „ 25, „	2.32	Weather—hot and cloudy with occasional showers. Prospects of crops satisfactory. Public health good.
	Kushtea „ ..	1.29	
	Meherpore „ ..	3.44	Weather—cloudy and showery; fairly cool for midsummer. <i>Aus</i> rice, indigo, jute and sugarcane all doing well. Lands are being got ready for <i>amun</i> . Public health good. Some cow-pox. Rivers rising.
	Chundanga „ ..	1.42	
	Ranaghat „ ..	2.38	Weather—wet and close. Ploughing continues. <i>Aus</i> rice is growing satisfactorily. Public health good.
	8 Khoolna „ 25, '87	4.24	
RAJSHAHY DIV.	9 Jessore „ 25, „	2.55	Weather—sultry. Paddy doing well. In the Narail sub-division rivers now rising slowly. Public health good.
	Jhenidah „ ..	6.21	
	Magurah „ ..	1.89	Weather—very hot; cloudy at intervals. <i>Amun</i> paddy is still being sown. Jute and sugarcane progressing. Public health good.
	Narail „ ..	2.06	
	Bongong „ ..	1.45	Heavy and continuous rain. Heavy rain and floods have caused some damage to <i>khadoi</i> and jute crops. <i>Haimanti</i> is being sown.
	10 Moorshedabad „ 25, '87	3.16	
	Lalbagh „ ..	2.80	Weather—cloudy. Harvesting of <i>til</i> has commenced. <i>Aus</i> and <i>amun</i> paddy, jute and sugarcane doing fairly well. Public health generally good.
	Kandi „ ..	4.09	
	Jungipur „ ..	5.03	Crops generally good except in low lands, where <i>aus</i> and jute crops suffered to some extent. Health of the district improving.
	11 Dinapore „ 25, '87	12.88	
RAJSHAHY DIV.	Thakurgaon „ ..	16.57	Weather—cloudy with heavy rain during every day except 24th and 25th, at times very close and warm. Ploughing for <i>amun</i> still going on and sowings have already commenced. Heavy rain has done considerable damage to crops. Public health fair.
	12 Rajshahye „ 25, '87	5.20	
	Nattore „ ..	3.92	Seasonable rain. Prospects of crops good. General health good. Rivers rising rapidly.
	Nowgong „ ..	7.44	
	13 Rungpore „ 25, „	9.11	Weather—seasonable. State and prospects of crops fair.
	Gaibanda „ ..	8.74	
	Nilphamari „ ..	13.12	Heavy and continuous rain during the greater part of the week. Slight breaks towards the end. All crops have suffered more or less from too much rain. Jute is not a good crop, and the early rice has also suffered, but not seriously. Cholera has abated and in places has disappeared.
	Kurigram „ ..	18.08	
	14 Bogra „ 25, '87	4.60	Report not received.
	Sherpur „ ..	5.20	
DACA DIVISION.	Nowkhilla „ ..	5.13	Weather—seasonable. State and prospects of crops good. Public health good.
	15 Pubna „ 25, '87	1.23	
	Serejgunge „ ..	8.50	Weather—hot and rainy. Cultivation of <i>amun</i> in progress. General health good.
	16 Darjeeling „ 25, '87	9.84	
	17 Jalpigoore „ 25, „	12.59	Weather—cloudy and cool. Heavy rain and rivers rising. Prospects of crops good.
	21 Mymensingh „ 24, '87	6.82	
	Jamalpur „ ..	8.01	Report not received.
	Kishoregunge „ ..	5.20	
	Atna „ ..	5.64	Weather—seasonable. State and prospects of crops good. Public health good.
	Netrokona „ ..	6.68	

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—contd.			
Eastern Districts—contd.			
CHITTAGONG DIV.	22 Chittagong, June 28, '87	4.11	Weather—seasonable. Prospects fair. Transplanting continues. Prices steady. Cholera still lingers, but public health good.
	23 Noakholly „ 24, „	4.54	Weather—generally rainy and cool. Rain has done much good to <i>aus</i> plants. More rain wanted. Public health fair.
	24 Fenny „ „	6.26	Weather—quite seasonable. State and prospects of crops could not be better. Public health generally good.
	24 Tipperah „ 23, '87	4.65	Weather—cloudy and rainy throughout the week. Ploughing for late rice still continues. Young paddy and cotton in <i>jums</i> doing well. Fever prevalent everywhere.
	24 Brahmunbariah „ „	5.22	
	24 Chandpur „ „	2.83	
CHITTAGONG DIV.	25 Chittagong Hill Tracts „ 22, '87	4.92	Weather—rainy. Oilseeds being gathered. Sugarcane and <i>satya</i> paddy doing well. Prospects of <i>jum</i> crops fair. Public health good.
	Hill Tipperah „ 22, „	4.79	
BEHAR.			
PATNA DIV.	26 Patna, June 25, '87	1.85	Weather—rainy and hot alternately. Sowing of <i>bhadoi</i> in full progress. Standing crops in good condition. Prospects excellent. Cholera still reported from the Behar and Barh sub-divisions.
	27 Gya „ 25 „	3.63	Weather—cloudy for the most part of the week. <i>Marua</i> is being transplanted and paddy sown. Fever and cholera reported from almost all the stations, and small-pox from some.
	28 Shahabad „ 25 „	3.47	Weather—cloudy generally. Sowing of <i>bhadoi</i> in progress. Sugarcane doing well. Cholera reported from the interior. Prices stationary.
	29 Buxar „ „	3.24	Weather—beginning of the week rainy. Prospects of early rice continue favourable. <i>Bhadoi</i> sowings in progress. Indigo prospects promising, but there has been too much rain and some fine weather is now wanted. Price of rice averages 21 seers per rupee. Cholera still reported from the Tajpur and Madhubani sub-divisions, especially in the latter, also in the town of Durbhunga.
	29 Durbhunga „ 25 „	3.76	Weather—rainy and bright alternately. Prospects of crops continue excellent. <i>Bhadoi</i> sowings in full swing all over the district. Indigo and other standing crops promise well. Cholera still lingers in the district, but fast abating now; public health otherwise good.
	29 Tajpur „ „	4.12	Weather—rainy with occasional sunshine; wind variable. Prospects of crops continue good. Sporadic cases of cholera still reported.
	29 Madhubani „ „	4.42	
	30 Mozufferpore „ 25, '87	3.69	Weather—very hot with cloudy nights. Transplanting of paddy has begun on low lands. <i>Bhadoi</i> sowings going on vigorously. Prospects of standing crops favourable. Mahai of indigo has commenced. Number of deaths from cholera still high; but certainly decreasing. Prices continue stationary.
	30 Hajipur „ „	3.17	
	30 Sitamarhi „ „	3.99	
BHAGULPORE DIV.	31 Saran „ 25 „	2.85	Weather—damp and sultry. Rain falling almost every day. Rivers rising. Prospects of crops continue favourable. Sowings of <i>bhadoi</i> and winter rice still going on. Cholera abating, but lingers in places.
	31 Sewan „ „	6.79	Weather—scarcely seasonable. Frequent thunder-storms. Rain too much for <i>bhadoi</i> crops and indigo; much of the latter lost in the north. Some fine weather now wanted. Transplanting in progress. Public health improving.
	31 Gopalgunge „ „	5.09	Weather—rainy. Crops are generally doing well except indigo. Jute is said to have suffered from excessive rain, and agricultural operations are impeded by the same cause.
	32 Champaran „ 25 „	9.17	Weather—sultry and rainy. <i>Bhadoi</i> crops doing well. Common rice selling at 22 seers per rupee. Public health good.
	32 Bettiah „ „	4.68	Alternate clouds and rain with thunder and gusts of wind. Paddy springing up well. Indian-corn being sown. Jute is being sown in Rajmehal. Sugarcane doing well. Prospects good. Public health good.
	33 Monghyr, June 25, '87	4.21	
	33 Beguserai „ „	5.29	
	33 Jamui „ „	2.70	
	34 Bhagulpore „ 25 „	5.64	
	34 Banka „ „	5.09	
BHAGULPORE DIV.	34 Mudohpoora „ „	3.59	
	34 Soopole „ „	3.25	
	35 Purneah „ 25 „	5.81	
	35 Kishengunge „ „	10.86	
	35 Arrarrah „ „	6.09	
	36 Maidah „ 25 „	3.97	
	36 Chanchal „ „	7.73	
	36 Shibgunge „ „	3.29	
	37 Sonthal Pergus „ 25 „	2.61	
	37 Deoghur „ „	3.55	
ORISSA DIV.	37 Godda „ „	2.36	
	37 Jamtara „ „	1.73	
	37 Pakor „ „	2.60	
	37 Rajmehal „ „	4.25	
	38 Cuttack, June 24, '87	1.94	Weather—hot and cloudy with showers of rain at times. Sowing of rice in progress; plants coming up in many places and doing well. Common rice sells at 18½ seers per rupee in town and 20 to 24 seers in interior. Public health generally good, except that sporadic cases of cholera are reported in the sub-divisions. Rivers have slightly risen.
	39 Pooree „ 23 „	0.65	Weather—hot and cloudy. Sowing of <i>sarad</i> crop progressing. Prices stationary. Cases of cholera and small-pox reported from the mofussil.
	39 Khoorda „ „	2.40	Weather—hot and cloudy. Sowing of paddy going on. Plants doing well. A few cases of cholera reported; public health otherwise good.
	40 Balasore „ 24 „	1.14	

No.	District and date of return.	Rainfall at Sudder Station in inh. ces	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh, June 24, '87	1.98	Weather—seasonable. Sunshine and showers. Agricultural operations in full swing. Prospects of all crops good. Cases of cholera reported from several thanas, otherwise general health good.
42	Lohardugga „ 25 „	3.93	Weather—seasonable; hot. Alternate sunshine and rain during the week.
	Palamow „ „	2.52	Ploughing and sowing still continue. Prices steady. Cases of cholera and small-pox reported; general health otherwise good.
43	Singbnoom „ 24 „	4.87	Weather—seasonable. Ample rain in all parts. Prospects of crops excellent. Public health good except in Seraikella, where three cases of cholera reported.
44	Narbhoom „ 25 „	2.75	Weather—seasonable. Rain in every part of the district except in Ichaghur and Barabhoom thanas. Ploughing and sowing going on. Sugarcane promising. Public health good.
	Govindpur „ „	1.66	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 28th June 1887.P. NOLAN,
Secy. to the Govt. of Bengal.

Following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of January 1887.

IMPORTS INTO CALCUTTA.

Imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Drained.	Un-drained.	Bis-path.	Other kinds.
	Rice.	* Paddy.	Total (in rice).															
General.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay ...	2,21,855	6,745	2,28,600	1,984	1,587	96	2,29,738	.....	10,220	1,229	.....	94	.....	81	.....	.....	.....	245
Bombay ...	1,82,733	.....	1,82,733	.....	21	.....	1,82,754	.....	5,740	.....	.....	47	.....	366	.....	.....	.....	.....
Bombay ...	2,64,022	31,409	2,95,431	162	78	.....	2,82,949	.....	24	439	385	.....	.....	368	.....	165	.....	6
Bombay ...	83,569	6,604	87,667	2,104	827	1,009	91,637	83,564	400,532	1,540	908	.....	1,071	2	882	1,516	.....	8,218
Bombay ...	4,16,692	52,108	4,49,259	468	2,953	.....	4,52,080	81,017	533,940	58	.....	3,374	.....	9,677	48,976	.....	4,803	
Bombay ...	15,151	8,607	23,405	9,876	44,334	1,187	72,802	20,806	16,515	4,839	24	442	165	108	836	5,659	.....	2,203
Bombay ...	21,888	12,500	29,800	.....	300	.....	30,100	2,580	70	.....	.....	.....	.....	.....	.....	9,035	.....	209
Bombay ...	55,990	18,515	68,562	.....	1,362	.....	69,924	24,524	1,400	.....	1,600	.....	2	.....	.....	3,755	.....	1,427
Bombay ...	37,681	.....	37,681	7,358	7,849	1,240	54,128	1,059	75	3,681	678	64	.....	590	.....	.....	.....	6
Bombay ...	10,750	.....	10,750	.....	.....	.....	10,750	48,815	24,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	2,382	.....	2,382	1,608	7,425	5	11,420	24,827	.....	2,054	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	488	.....	488	101	.....	.....	589	1,00,291	95,900	.....	.....	700	.....	.....	.....	.....	.....	4,763
Bombay ...	8,999	1,570	9,980	.....	.....	.....	9,980	9,107	404,275	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	1,418	.....	1,418	79	6,639	.....	8,136	2,31,880	.....	965	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	.....	.....	.....	.....	50,186	217,035	.....	.....	206	.....	.....	.....	.....	.....	20
Bombay ...	2,154	.....	2,154	190	483	.....	2,827	2,33,769	.....	200	.....	4,427	.....	1,033	.....	.....	.....	.....
Bombay ...	23,010	400	23,260	160	10,817	.....	34,237	1,25,063	665	26	347	445	401	.....	31	.....	.....	.....
Bombay ...	8,08,150	230	8,08,294	.....	230	.....	8,08,524	2,879	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	750	.....	750	.....	144	.....	144	1,11,161	.....	.....	.....	200	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	.....	.....	.....	.....	750	.....	.....	.....	950	.....	.....	.....	.....	.....	.....
Bombay ...	19,161	200	19,286	.....	.....	.....	19,286	.....	.....	.....	.....	842	1,000	.....	.....	.....	.....	.....
Bombay ...	21,70,983	1,33,978	22,60,719	24,090	85,049	3,537	23,73,295	11,51,492	1,771,347	14,066	4,560	6,422	9,687	1,916	10,395	64,137	.....	21,956
Bombay ...	1,599	.....	1,599	85,098	50,396	13,310	1,50,403	805	70,812	2,050	.....	21	18	577	1,551	.....	2,730	.....
Bombay ...	.....	.....	.....	16,819	.....	.....	16,819	.....	6,599	881	.....	1	2	.....	555	.....	23	.....
Bombay ...	225	.....	225	20,092	9,879	405	30,601	280	10,619	.....	.....	2	.....	747	2,502	.....	.....	.....
Bombay ...	.....	.....	.....	624	300	.....	924	105	577	300	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	8,215	70	.....	8,285	8,210	22,860	13,242	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	1,215	1,322	.....	2,537	.....	1,752	692	.....	.....	.....	276	.....	.....	.....	.....
Bombay ...	.....	.....	.....	7,697	538	.....	8,235	.....	105	13,529	8,451	.....	.....	.....	.....	.....	.....	.....
Bombay ...	296	.....	296	18,432	10,361	136	29,225	280	6,378	5,769	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	281	.....	281	15,665	2,632	15,606	33,584	203	5,591	11,840	.....	11	.....	.....	.....	.....	.....	.....
Bombay ...	270	.....	270	1,200	3,778	44	5,292	3,410	884	3,723	.....	.....	.....	.....	.....	.....	.....	1,190
Bombay ...	.....	.....	.....	3,237	1,924	272	4,533	6,440	272	429	.....	.....	.....	.....	.....	.....	.....	1,732
Bombay ...	8,863	.....	8,863	7,511	6,190	2,060	24,594	525	3,233	9,924	.....	.....	114	.....	.....	.....	.....	.....
Bombay ...	11,534	.....	11,534	1,85,805	85,860	31,833	3,15,032	10,053	10,520	1,43,027	57,301	.....	24	145	1,600	4,940	.....	6,390
Bombay ...	1,250	.....	1,250	.....	.....	.....	1,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	67,434	24,528	72,764	.....	151	.....	72,915	4,647	3,400	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	58,684	24,528	74,014	.....	151	.....	74,165	4,647	3,400	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	.....	274	.....	274	.....	350	.....	124	.....	328	.....	.....	.....	.....	.....
Bombay ...	952	.....	952	.....	546	.....	1,498	.....	350	.....	.....	1	35	.....	6	.....	.....	.....
Bombay ...	952	.....	952	.....	820	.....	1,772	.....	790	.....	124	1	363	.....	6	.....	.....	.....
Bombay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	22,48,153	1,58,506	23,47,219	2,09,895	1,71,880	35,370	27,64,324	11,66,192	1,785,967	1,57,093	61,861	6,546	9,612	2,424	11,906	69,083	.....	23,316
Bombay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay ...	800	.....	800	.....	.....	.....	800	3,033	175	1,350	51,316	1,559	14	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	1,45,707	30,601	1,817	1,78,125	.....	420	27,811	180	1,66,825	11	87	257	.....	.....	.....
Bombay ...	12	.....	12	.....	4,965	.....	4,977	70	1,740	.....	194	14,070	.....	.....	.....	.....	.....	11
Bombay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,735	.....	.....	.....	.....	.....	.....
Bombay ...	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	8,276	.....	17	.....	.....	.....	.....
Bombay ...	20	.....	20	.....	78	.....	98	.....	.....	.....	14	361	.....	3,991	.....	.....	.....	64
Bombay ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	384	10	.....	.....	.....	.....	.....
Bombay ...	31	.....	31	.....	10	293	334	.....	7,760	.....	.....	47	17,443	17,334	.....	.....	.....	.....
Bombay ...	22,40,016	1,58,506	23,48,082	3,55,602	2,07,534	37,481	29,48,699	11,69,225	1,794,332	2,21,802	61,022	58,186	2,08,422	2,503	33,533	86,794	.....	23,396
Bombay ...	25,30,178	1,22,192	26,15,548	2,07,540	2,69,337	20,555	31,12,989	13,80,285	2,543,540	72,091	79,385	55,094	1,84,541	2,116	14,249	77,336	3,845	29,660

* One maund of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of January 1887, was as follows:—

Imported from	Rice	Paddy	Total	Wheat	Gram	Other food-grains	Total	Jute, raw	Gunny-bags	Linseed	Mustard-seed	Tea, Indian	Cotton, raw	Silk, raw	Sugar, Drained	Sugar, Un-drained	Tobacco, Bis-path	Tobacco, Other kinds
From India...	4,04,255	30	4,04,274	.....	2,688	57	4,07,019	195	1,703,000	.....	.....	1,131	.....	.....	652	.....	.....	.....
From Europe...	5,429	5,759	9,093	.....	.....	.....	9,028	.....	84,600	.....	.....	.....	.....	.....	.....	.....	.....	.....
From America...	.....	.....	.....	.....	20,001	355	20,360	.....	163,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
From Australia...	2,35,599	10,277	2,45,876	29	6,844	.....	2,46,895	960	399,900	.....	.....	.....	.....	.....	.....	.....	.....	.....
From China...	3,211	.....	3,211	.....	10,679	3,506	17,396	.....	1,418,357	.....	.....	27	262	.....	.....	.....	.....	.....
From Japan...	.....	.....	.....	366	1,632	48	2,016	.....	367,300	.....	.....	.....	.....	.....	.....	.....	.....	.....
From Persia...	.....	.....	.....	223	.....	.....	223	.....	15,509	.....	.....	.....	.....	.....	.....	.....	.....	.....
From the Interior...	6,46,498	16,066	6,62,564	618	47,814	3,906	7,08,937	1,164	4,095,157	.....	.....	27	1,416	39	103	2,622	1,877	10,005
From the Kingdom of Siam...	.....	1,82,794	1,82,794	2,34,145	36,323	.....	3,94,714	6,35,030	508,500	2,18,679	9,344	82,835	71,062	132	31	.....	.....	.....
From the Kingdom of Siam...	10,70,676	.....	10,70,676	1,02,656	37,199	6,981	12,77,512	2,25,740	9,401,185	9,989	8,292	2,192	1,67,509	766	416	.....	.....	474
From the Kingdom of Siam...	10,70,676	1,82,794	11,94,222	3,96,801	73,522	6,981	16,63,226	8,50,790	9,909,685	2,28,068	17,566	85,027	2,38,571	898	541	.....	.....	474
Total (1887)	17,17,174	1,98,860	19,41,401	3,97,419	1,21,336	10,947	23,71,163	8,51,924	14,004,842	2,28,068	17,593	86,443	2,38,610	1,001	3,063	1,877	.....	10,539
Yearly (1886)	15,11,333	891	15,11,940	80,616	82,408	1,510	16,76,534	16,35,974	14,568,129	1,20,069	14,258	67,737	1,13,403	519	2,541	652	.....	31,112

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of January 1887.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		Total.
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.				Drain- ed.	Un- drained.	
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	16,79,667	1,42,928	37,460	81,541	14,227	4,15,355	950,127	23,204	30,469	464	7,787	269	943	16,037	...
" river steamers ...	17,644	841	705	5,296	...	2,61,803	...	7,186	1,987	47,593	2,465	199	90	...	...
" East Indian ...	3,67,890	1,912	3,15,061	89,482	22,961	...	20,895	1,89,389	58,326	542	1,88,281	1,470	1,316	5,229	...
" Railways ...	38,047	1,570	1,983	27,838	...	4,10,140	804,510	2,009	...	8,745	769	511	268	8,257	...
" Eastern Bengal State Railway ...	92,403	9,777	393	3,298	...	78,553	7,700	...	240	...	99	...	9,562	39,845	...
" road ...	53,363	1,478	...	239	...	5,314	11,100	14	...	842	9,021	57	21,434	17,334	...
" sea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand total of 1887 ...	22,49,016	1,58,506	3,55,802	2,07,534	37,481	11,69,225	1,794,332	2,21,802	91,022	58,186	2,08,422	2,506	33,533	86,765	...
Imports in January 1886 ...	25,39,178	1,22,192	2,07,549	2,69,397	20,555	13,80,285	2,543,549	72,091	79,385	55,004	1,84,541	2,115	14,249	77,336	3,845

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of January 1887.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.		Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.							CHOTA NAGPORE.						
Burdwan ...	2,11,257	...	514	1,265	37,122	162,643	Hazareebagh ...	46,872	2,530	...	224	5,213	...
Beerboom ...	1,05,661	...	221	311	11,738	220,525	Manbhoom ...	48,762	...	49	1,027	11,519	...
Midnapore ...	2,10,890	...	3,147	...	3,160	7,892	Total of Chota Nagpore ...	95,634	2,530	49	1,251	16,732	...
Hooghly ...	1,33,932	5,772	738	21	3,214	79,465	Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	57,62,785	21,019	15,819	6,904	6,62,516	1,237
24-Pergunnahs ...	1,70,189	5,567	574	...	12,699	34,699	OTHER PROVINCES.						
Nuddea ...	3,03,464	...	1,331	...	31,002	17,564	Assam ...	2,82,222	...	95	...	31,542	...
Khulna ...	68,750	...	55	...	7,772	1,400	North-Western Provinces ...	6,76,116	6,169	2,821	535	33,121	...
Jessore ...	96,821	...	569	...	25,055	2,330	Punjab ...	31,815	...	149	...	...	...
Moorshedabad ...	43,582	...	109	15	13,101	29,457	Central Provinces ...	42,966	...	185	18	...	...
Dinapore ...	1,27,575	...	158	...	8,638	28,170	Rajputana States ...	1,830	220	...	...	...	...
Rajshahiye ...	1,99,545	...	135	...	14,509	8,090	Bombay ...	76,553	...	1,485	...	...	...
Rungpore ...	2,54,149	...	277	...	7,673	980	Madras ...	126	220	...	...	...	...
Boera ...	1,61,154	...	134	...	3,762	24,430	Nizam's Territory ...	126	...	...	...	...	...
Pubna ...	1,31,229	...	265	...	58,027	805	Berar ...	126	220	...	...	...	...
Darjeeling ...	36,477	660	54	...	495	1,085	Pondicherry ...	2,09,032	55	744	1,107	1,410	...
Julpigoree ...	82,593	...	199	...	12,326	420	British Burmah ...	12,065	8,151	...	1,026	...	...
Dacca ...	4,57,969	...	1,782	41	63,067	490	Other places ...	...	...	...	...	...	...
Furzedpore ...	3,24,273	...	1,300	...	29,943	5,530	Grand Total of 1887 ...	94,40,996	36,945	22,164	9,590	7,32,179	15,641
Backergunge ...	96,327	...	24	...	43,975	...	Exports in January 1886 ...	1,24,11,232	1,95,167	21,451	10,568	7,42,191	15,641
Mymensingh ...	69,360	...	19	...	43,675	...							
Tippurah ...	...	...	...	...	4,225	...							
Chittagong ...	65,725	...	132	...	200	77,050							
Noakholy ...	13,193	...	...	...	3,510	...							
Total of Bengal ...	33,54,705	11,999	11,737	1,653	4,38,679	684,025							
BEHAR.													
Patna ...	4,59,585	440	198	329	55,665	135,317							
Gya ...	1,05,462	2,090	54	441	11,590	20,020							
Shahabad ...	2,27,934	...	2	554	16,204	17,815							
Muzafferpore ...	62,874	...	4	13	2,707	1,750							
Burhanga ...	2,92,761	...	1	657	21,844	25,525							
Saran ...	85,090	1,210	1	43	4,017	779							
Chumparan ...	3,15,756	2,530	37	25	4,090	16,695							
Monghyr ...	84,987	...	...	356	11,782	21,095							
Bhagupore ...	1,61,217	...	46	160	21,844	44,796							
Furnah ...	94,941	...	...	240	9,481	1,455							
Maidah ...	...	...	...	...	13,250	2,400							
Sonthal Pergunnahs ...	2,46,519	220	137	597	23,096	52,695							
Total of Behar ...	21,37,080	6,490	480	3,435	1,95,480	336,843							
ORISSA.													
Cuttack ...	...	...	...	...	...	7,390							
Balasore ...	1,15,360	...	3,553	565	11,624	222,950							
Total of Orissa ...	1,15,360	...	3,553	565	11,624	220,250							

The Sea-borne Trade of Calcutta in these Staples during the month of January 1887 was as follows:—

	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
IMPORTED INTO CALCUTTA—						
From Foreign Ports—						
United Kingdom ...	75,52,799	...	12,111	...	3,62,850	...
Other Foreign ports ...	2,45,900	...	141	...	2,34,592	...
Total of Foreign Trade ...	77,98,709	...	12,254	...	6,02,442	...
From Indian Ports—						
Bombay ...	20,296	35,325	...	6,338	41,414	...
Madras ...	553	7,367	1	...	...	...
British Burmah ...	1,028	320	...	...	...	...
Other Indian ports ...	...	690	18	...	...	...
Total of Interport Trade ...	21,877	43,612	19	6,338	41,414	...
Grand Total of Im-ports in January 1887 ...	78,20,636	43,612	12,273	6,338	6,43,856	...
... 1886 ...	78,38,113	74,031	10,275	10,058	7,35,243	...

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of January 1887.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats ...	2,81,242	4,300	3,545	...	3,03,128	...
" river steamers ...	5,45,679	...	1,000	141	20,032	...
" East Indian Railway ...	57,10,098	15,840	5,548	6,751	2,40,535	...
" Eastern Bengal State Railway ...	21,99,141	1,100	5,477	...	61,480	...
" road ...	2,24,181	6,599	880	...	4,100	...
" sea ...	4,79,955	8,206	5,914	2,698	11,624	...
Grand Total of Exports in January 1887 ...	91,40,996	36,045	22,164	9,590	7,32,179	...
... 1886 ...	1,24,11,232	1,95,167	21,451	10,568	7,42,191	...

STATISTICAL DEPARTMENT,
The 23rd June 1887.

P. NOLAN,
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 19th to 25th June 1887.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1887.		°		inches.	°	°	°	°	°	Inches	°	%			Inches.	
June	19th	150.5	2.4	29.479	82.0	88.3	10.9	77.4	79.1	0.957	77.9	88	SW by S and ENE	93	2.79	Cloudy, o, g, p, t, <, p.
"	20th	143.5	2.1	504	82.0	85.5	8.4	77.1	79.0	.951	77.7	87	SSW and S	198	0.08	Cloudy, o, g, d, p.
"	21st	103.7	1.9	585	82.6	86.7	8.5	78.2	79.6	.974	78.4	87	SSW and S	164	0.07	Chiefly cloudy, o, p.
"	22nd	156.5	4.3	605	84.7	89.8	10.0	79.8	80.6	.993	79.0	83	SSW	209	Nil	Partially cloudy, p.
"	23rd	125.5	1.8	618	84.3	87.5	7.3	80.2	80.7	1.003	79.3	85	SSW and S	157	"	Chiefly cloudy o, g, p.
"	24th	152.5	3.6	668	84.9	89.7	9.6	80.1	80.6	0.990	78.9	83	SSW	180	"	Chiefly cloudy, o, g, t, p.
"	25th	158.2	9.1	674	85.2	91.3	12.9	78.4	79.9	.952	77.7	79	S by W and SSW	157	"	Partially cloudy, p ⊕.

The mean pressure of the seven days ... 29.590
The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.525

The total number of hours of bright sunshine ... 25.2
The maximum possible number of hours of sunshine ... 94.4

The mean temperature of the seven days ... 83.7
The average temperature of the corresponding period for 24 years, S. G.'s Office ... 84.4
The extreme variation of temperature ... 14.2
The maximum temperature ... 91.3

The highest velocity of the wind in one hour ... 16 Miles.

The highest pressure of wind on one square foot ... 3 lbs.

The mean relative humidity ... 85
The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 84

The total fall of rain from 19th to 25th June 1887 ... 2.94
The average fall of the corresponding period for 24 years, S. G.'s Office ... 3.03
The total fall from 1st January to 25th June 1887 ... 16.80
The average fall of the corresponding period for 24 years, S. G.'s Office ... 19.45

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, d drizzling rain, p passing temporary showers, < lightning, Δ dew, ⊕ solar corona.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 27th June 1887.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													
			AIR PRESSURE.			WIND.		TEMPERATURE.								
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A.M. temperature.
ORISSA.	Pooree ...	Gopalpore ...	29.607	29.657	+0.015	SSW	260	89.2	19th June	77.8	20th June	87.6	80.7	84.1	+0.9	84.3
	False Point ...	False Point ...	29.638	29.656	+0.047	SSW	350	92.5	18th "	74.6	19th, 20th June.	88.3	78.9	83.6	-1.9	82.7
	Cuttack ...	Cuttack ...	29.578	29.659	+0.052	Variable	72	99.4	18th "	74.8	20th "	93.3	78.2	85.8	-1.2	86.1
	Balasore ...	Balasore ...	29.576	29.634	+0.038	SW	155	97.5	18th "	76.7	19th, 20th, 23rd June.	90.5	78.3	84.4	+1.0	84.9
	South-West Midnapore ...	Saugor Island	29.613	29.639	+0.035	S, SSW	377	92.7	18th "	76.5	23rd "	89.4	79.5	84.5	-0.4	82.1
SOUTH-WEST BENGAL.	South 24-Pergunnahs ...	Midnapore ...	29.476	29.625	+0.014	S	116.9	96.3	18th "	76.3	24th "	91.7	77.8	84.8	+0.8	85.4
	24-Pergunnahs ...	Howrah ...	29.597	29.619	-0.007	SSW	154	92.5	18th "	76.2	18th "	88.3	78.4	83.4	-1.1	83.2
	Hooghly ...	Burdwan ...	29.516	29.616	+0.016	S	99	95.6	18th, 19th June.	77.4	21st "	92.6	78.7	85.6	-0.3	85.9
	Bankoora ...	Bankoora ...	29.270	—	—	Variable	10.37	95.1	19th, 24th June.	77.5	20th, 21st, June.	91.7	79.4	85.5	—	86.1
	Beerbhoom ...	Raneegunge ...	29.268	—	+0.059	South-westerly.	91.6	95.5	19th "	76.4	19th "	92.1	78.1	85.1	+2.3	86.4
	West Burdwan ...	Berhampore ...	29.548	29.615	+0.020	SSW	119.4	93.3	19th "	77.3	21st "	90.8	78.2	84.5	-1.1	81.3
	Moorshedabad ...	Krishnaghur ...	29.566	—	—	S	127.5	93.8	18th "	76.8	18th "	90.4	78.1	84.3	—	85.0
	Nuddea ...	Jessore ...	29.605	29.638	+0.024	SW	106.3	92.8	23rd "	77.9	18th "	90.0	79.1	84.6	+0.1	86.7
	Khoolna ...	Chittagong ...	29.624	29.714	+0.030	SE, SSE	161	87.4	19th "	75.6	18th "	86.2	77.3	81.8	+0.3	81.9
	Chittagong Hill Tracts ...	Demagiri ...	Observations not received.													86.1
EAST BENGAL.	Backergunge ...	Barrisal ...	29.650	29.662	+0.034	S	128.9	88.8	19th June	71.8	21st "	87.0	76.8	81.9	?	83.9
	Noakholly ...	Noakholly ...	29.631	29.674	—	Southerly	70.4	88.6	24th "	73.9	18th "	87.6	77.9	82.7	—	82.7
	Furreedpore ...	Furreedpore ...	29.612	—	+0.041	SSE	152.6	88.5	19th "	70.9	24th "	86.7	77.2	82.0	-0.3	82.7
	Dacca ...	Dacca ...	29.634	29.656	+0.035	SSW	182	92.1	19th "	77.2	21st "	88.2	79.3	83.8	+0.4	84.1
	Commillah ...	Commillah ...	29.633	29.669	+0.012	SE	161.3	90.4	21st "	71.8	20th "	85.4	75.9	82.2	+1.2	82.7
NORTH BENGAL.	Mymensingh ...	Mymensingh ...	29.610	—	+0.026	Calm	136.7	89.3	20th "	75.1	19th "	86.8	76.8	81.8	0	81.8
	Bogra ...	Bogra ...	29.554	29.616	—	E and SE	131.5	91.3	23rd "	75.8	23rd, 24th June.	87.7	77.1	82.4	—	82.4
	Pubna ...	Serajgunge ...	29.589	29.636	+0.023	S	117.8	90.6	19th "	74.7	24th "	88.0	76.6	82.3	0	82.3
	Rajshahye ...	Rampore Beau-leah.	29.531	29.601	+0.022	SE	98.3	92.3	18th, 19th June.	69.6	20th "	89.9	73.8	81.9	-0.3	81.9
	Maldah ...	Maldah ...	29.430	—	—	SW, calm	41.2	91.8	19th "	76.8	23rd "	87.9	78.1	83.0	—	83.0
	Dinapore ...	Dinapore ...	29.505	29.625	+0.020	ESE, NE	142.1	90.6	19th, 20th June.	73.6	22nd "	85.8	76.7	81.3	-1.7	81.3
	Rungpore ...	Rungpore ...	29.523	29.640	-0.016	E	111.2*	91.8	20th "	74.7	22nd "	84.8	76.8	80.0	-1.7	79.9
	Julpigoree ...	Julpigoree ...	29.380	29.669	-0.004	E	146.7	99.0	20th "	71.8	21st, 22nd June.	82.9	74.1	78.5	-3.0	78.5
	Cooch Behar ...	Darjeeling Hill Districts	22.893	—	-0.008	E	41.4	67.6	20th "	53.6	21st, 22nd June.	63.5	55.6	59.6	-1.3	59.6
	Purneah ...	Purneah ...	29.510	29.637	+0.034	Calm	30.5	92.2	20th "	74.6	21st, 22nd June.	86.2	76.2	81.2	-3.0	81.2
NORTH BEHAR.	North Bhagulpore ...	Mozufferpore ...	Observations suspended.													86.1
	Durbhunga ...	Durbhunga ...	29.442	29.608	-0.015	ESE	154.0	89.4	18th to 21st June.	74.5	22nd "	87.1	78.1	82.6	-2.4	82.6
	Champuram ...	Motihari ...	29.383	29.610	+0.018	SE	189.3	91.7	19th, 20th & 22nd June.	71.3	22nd "	90.0	76.0	83.0	-1.6	83.0
	Sarun ...	Chupra ...	29.413	—	+0.053	Calm	9.4	94.0	20th to 22nd June.	74.1	22nd "	89.0	78.1	83.6	-2.2	83.6
	Shahabad ...	Dehree ...	29.266	29.620	+0.075	North-westerly.	217.5	93.9*	19th "	75.5	22nd "	87.6	78.4	83.1	-0.4	83.1
SOUTH BEHAR.	Buxar ...	Buxar ...	29.356	29.599	+0.045	W	122.4	96.4	19th "	73.2	22nd "	89.0	76.4	82.7	-2.6	82.7
	Arrah ...	Arrah ...	29.388	29.585	+0.047	Variable	55.4	94.4	19th "	74.6	22nd "	87.9	77.3	82.6	?	82.6
	Gya ...	Gya ...	29.213	29.587	+0.007	North-westerly.	62	95.5	19th "	74.8	20th "	89.8	79.2	84.5	-3.7	84.5
	Patna ...	Bankipore ...	29.421	29.601	+0.030	Variable	79	94.4	19th "	76.2	22nd "	88.7	79.2	84.0	-4.0	84.0
	South Bhagulpore ...	Bhagulpore ...	29.424	29.586	+0.010	Variable	75.7	94.4	19th "	75.0	23rd "	87.8	77.4	82.6	0	82.6
CHOTA NAGPORE.	Sonthal Pergunnahs ...	Doonka ...	29.096	—	—	Calm	8.17	93.4	19th "	76.9	18th "	90.9	77.9	84.4	—	84.4
	Hazaribagh ...	Hazaribagh ...	27.638	29.618	+0.047	W	189	91.5	19th "	72.1	21st "	85.9	73.9	79.9	-2.5	79.9
	Lohardugga ...	Ranchee ...	27.504	29.601	+0.051	Westerly	87.9	86.5	19th, 20th and 24th June.	69.9	20th "	84.8	72.5	79.6	+0.5	79.6
	Manbhoom ...	Chyebassa ...	28.847	—	—	SSW	56.7	95.4	18th, 22nd June.	75.0	24th "	92.8	77.5	83.3	—	83.3
	Singbhoom ...	Sibsagar ...	29.372	29.705	+0.029	SW	58	92.1	20th "	76.0	20th "	89.8	77.7	83.8	0	83.8
ASSAM.	Assam ...	Dhubr ...	29.548	29.667	+0.002	ENE, calm.	178	87.2	20th "	74.8	22nd, 24th June.	80.5	76.0	78.4	-2.7	78.4
	Silchar ...	Silchar ...	29.503	29.793	+0.003	Calm	72	95.6	20th "	75.3	21st, 22nd June.	90.5	76.7	83.6	+0.7	83.6

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the year. The humidity of the atmosphere is expressed as percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The ...

DISTRICT OBSERVATIONS.			RAINFALL.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average humidity at 10 A.M.	Average cloud amount at 10 A.M. for week.	Rainfall of week at observing stations.	Of week.		Since 1st of month.			Since 15th May 1887.			Average number of rainy days.	Normal number of rainy days.			
			Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
61	5.1	1.35	—	—	—	—	—	—	—	—	—	—	Gopalpore	Orissa	
80	7.9	0.62	1.90	5.30	6.85	3.0	False Point	Pooree	...	...	...	...	...	Orissa
72	8.0	3.00	2.30	6.21	8.17	3.3	Cuttack	Cuttack	...	...	...	...	...	Orissa
81	1.30	2.10	6.03	8.16	3.3	Balasore	Balasore	...	...	...	...	...	...	Orissa
87	8.3	5.70	3.70	2.64	5.63	7.54	-1.91	8.58	9.74	-1.16	4.3	3.7	Saugor Island	South-West Midnapore	
80	5.2	2.46	4.14	2.71	6.87	7.58	-0.71	10.76	9.54	+1.22	4.7	3.5	Midnapore	South 24-Pergunnahs	
79	8.7	3.04	2.68	2.50	5.99	8.15	-2.16	8.69	10.77	-2.08	3.7	4.1	Calcutta	24-Pergunnahs	
75	8.3	1.60	2.76	2.32	5.81	7.39	-1.58	13.20	9.06	+3.54	4.0	3.4	Burdwan	Howrah	
77	5.1	2.66	5.14	2.56	7.77	8.02	-0.25	11.28	9.85	+1.41	4.5	3.8	Bankoora	Hooghly	
75	5.9	3.81	3.50	2.94	6.16	8.10	-1.94	12.93	9.76	+3.17	5.0	4.0	Raneegunge	Burdwan	
80	9.1	3.28	4.22	2.26	10.75	7.19	+3.56	19.56	9.86	+9.70	5.2	3.4	Berhampore	Beerbhoom	
78	7.6	1.98	2.16	2.25	6.36	8.39	-2.03	13.00	11.74	+1.26	3.6	3.8	Krishnagur	West Burdwan	
81	8.7	2.78	3.34	2.84	8.28	10.42	-2.14	10.06	13.81	-3.75	5.4	4.3	Jessore	Moorsheadabad	
80	8.6	3.71	4.90	17.65	21.86	5.6	Chittagong	Chittagong	...	...	...	...	...	...
85	7.9	3.26	2.82	4.96	7.58	16.18	-8.60	9.24	20.21	-10.97	5.3	5.3	Barrisal	Jessore	
80	5.9	4.19	6.61	23.79	28.80	5.2	Naakholly	Naakholly	...	...	...	...	...	...
83	3.6	2.98	2.15	2.94	9.51	10.50	-0.99	10.80	15.02	-4.22	3.7	4.8	Furreedpore	Khoolna	
85	8.1	1.47	3.54	11.35	15.50	5.0	Dacca	Dacca	...	...	...	...	...	...
76	6.7	4.53	4.05	14.69	19.31	5.0	Commillah	Tipperah	...	...	...	...	...	...
91	9.4	5.14	3.65	13.69	18.47	4.8	Mymensingh	Mymensingh	...	...	...	...	...	...
88	9.7	5.36	4.96	3.08	18.77	10.09	+8.68	27.26	14.37	+12.89	5.5	4.2	Bogra	Bogra	
86	8.6	8.22	4.20	2.62	12.82	9.28	+3.54	15.46	13.21	+2.25	5.6	4.5	Serajgunge	Pubna	
88	4.3	5.24	4.36	2.19	9.11	7.82	+1.29	16.47	19.95	+3.52	5.0	3.5	Rampore Beaulah	Rajshahye	
91	8.6	13.37	10.70	3.50	17.40	10.77	+6.63	31.45	13.87	+17.58	4.6	4.2	Dinagore	Maldah	
95	6.6	9.28	9.19	5.53	17.80	17.15	+0.65	40.95	24.13	+16.85	5.5	4.6	Rungpore	Dinagore	
94	8.7	1.47	13.71	8.01	32.18	24.36	+7.82	46.64	33.00	+13.64	5.0	5.5	Julpigoree	Rungpore	
94	9.0	9.32	8.43	9.09	20.80	22.71	-1.92	36.27	28.42	+7.85	5.5	5.6	Darjeeling	Julpigoree	
89	7.3	5.51	6.42	3.42	12.28	8.86	+3.42	27.51	11.09	+16.42	4.8	3.6	Purneah	Cooch Behar	
88	7.9	3.76	5.19	2.04	9.98	5.59	+4.40	15.82	6.08	+9.74	5.3	2.8	Mozufferpore	Purneah	
79	8.3	9.72	6.94	2.12	9.94	5.58	+4.36	12.15	6.						

years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
Floating cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall, the normal me

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1887.	Average rainfall from 15th May to date.	
			Saturday, 18th June.	Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Number of rainy days.	of Rainfall week.					
ORISSA	Pooree	Pooree	.....	0.65	.....	.....	.....	.....	.....	1	0.65	1.76	4.97	8.31	6.44
		Khurda	.....	1.71	0.15	0.51	0.07	0.10	.....	5	2.54	4.87	6.23	6.14	8.78
		Banpur	.....	0.50	0.04	.....	.....	0.08	.....	3	0.62	2.19	4.66	14.44	6.12
		False Point	.....	2.07	.....	.....	.....	.....	.....	1	2.07	3.20	?	6.88	6.46
		Gop Pipli	.....	1.14	0.14	0.10	.....	.....	.....	.....	.....	.....	?	.....	.....
	Cuttack	Jagatsingapore	.....	.....	2.30	.....	.....	.....	.....	.....	.....	.....	4.19	.....	5.41
		Banki	.....	1.9	1.2	.....	.....	.....	.....	.....	.....	.....	7.54	.....	8.46
		Cuttack	0.40	1.94	1.43	0.69	0.02	.....	.....	7	7.48	8.62	5.64	14.86	10.81
		Kendrapara	0.10	2.43	1.25	0.01	2.31	1.14	0.24	3	4.41	5.63	5.58	15.23	7.41	
		Jajpore	0.24	3.71	0.46	.....	.....	.....	0.76	2	5.06	6.07	?	11.70	7.99
	Balasore	Dharmasalla	.....	4.30	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
		Salipore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
		Chandbali	.....	.....	0.37	.....	.....	.....	0.10	3	0.85	3.91	5.29	.....	6.97
		Bhuddruck	.....	0.38	0.37	.....	.....	.....	0.38	3	2.09	4.99	6.16	12.67	8.88
		Sorah	0.85	0.86	.....	.....	.....	.....	.....	3	2.09	4.99	4.77	11.50	7.50
SOUTH-WEST BENGAL.	Midnapore	Balasore	0.30	0.52	0.32	.....	.....	0.01	.....	3	2.02	2.91	6.12	4.01	8.40
		Jelasore	1.01	1.60	.....	.....	.....	0.01	.....	3	2.02	2.91	6.36	4.01	8.18
		Baripodah	0.77	0.94	0.29	.....	1.07	0.03	0.64	6	3.65	5.51	7.51	9.90	9.93
		Contai	0.59	.....	0.32	0.58	.....	0.25	.....	4	1.75	4.00	7.29	7.14	9.31
		Saugor Island	2.17	1.74	1.25	0.48	0.06	.....	.....	5	5.70	7.17	7.46	9.91	9.31
	24-Pergunnahs	Tumlook	2.00	1.20	.....	.....	.....	.....	.....	2	3.20	5.70	7.25	8.30	9.31
		Midnapore	0.18	0.53	0.54	0.17	0.58	1.95	.....	6	3.95	5.64	7.08	10.04	9.31
		Ghattal	1.11	1.00	2.21	0.12	0.23	0.61	.....	6	5.28	9.29	8.42	13.95	8.83
		Deog	1.32	.....	.....	0.45	0.09	.....	.....	4	2.46	4.11	?	6.64	10.17
		Heria	3.15	0.70	.....	.....	.....	.....	.....	2	3.85	5.79	?	9.02	.....
		Bhagwanpore	1.09	0.53	0.05	.....	.....	0.22	.....	4	1.89	3.08	?	5.33	.....
		Garbeta	0.22	.....	1.24	.....	.....	.....	.....	2	1.46	2.90	?	7.13	.....
		Diamond Har- bour	1.35	1.55	0.23	0.52	.....	.....	.....	4	3.65	5.74	7.88	8.69	10.97
		Canning Town	0.47	0.17	1.67	0.71	.....	2.29	0.23	6	5.54	7.93	?	10.29	10.97
		Alipore Jail	0.11	0.87	2.30	0.04	.....	.....	.....	4	3.32	6.41	?	10.29	10.97
	Howrah	Barrackpore.	1.13	.....	1.30	.....	.....	.....	0.65	3	3.08	5.86	8.77	8.90	10.97
		Dum-Dum	.....	0.42	2.06	0.07	.....	.....	.....	3	2.55	6.01	8.48	9.44	10.94
		Barasat	.....	0.32	0.69	0.14	0.03	0.07	.....	5	1.25	2.91	8.12	5.89	11.29
		Buseerhat	1.97	1.25	0.63	0.59	.....	.....	0.52	5	4.96	9.69	8.93	12.33	12.71
		Howrah	0.42	0.59	0.92	0.03	.....	.....	.....	4	1.96	4.18	8.31	6.22	10.59
		Mohesreka (Ootoberiah.)	2.05	0.22	0.43	.....	.....	.....	.....	3	2.70	5.02	7.59	5.93	10.59
		Hooghly	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.59
		Serampore	1.00	0.47	0.40	.....	.....	.....	.....	3	1.96	4.26	8.30	6.53	10.40
		Hooghly	1.42	2.02	0.11	.....	.....	.....	0.20	4	3.81	11.38	6.89	13.14	9.30
		Jehanabad	.....	.....	0.76	0.30	.....	0.12	.....	3	1.18	4.22	7.60	9.04	10.21
	Burdwan	Culina	0.07	0.60	.....	0.63	.....	.....	0.50	4	1.80	2.88	7.22	8.63	9.34
		Burdwan	0.11	0.39	0.15	.....	.....	0.85	.....	5	1.11	2.75	6.43	10.35	8.97
		Cutwa	.....	0.25	.....	0.55	.....	4.07	.....	3	4.87	11.80	8.53	23.64	10.81
		Raneegunge	0.08	0.19	0.40	.....	1.00	0.97	0.36	6	3.80	6.27	6.87	12.58	8.98
		Mankur	0.70	0.52	0.23	0.39	0.90	0.34	0.90	7	3.98	5.65	?	8.54	.....
		Bankoora	0.12	.....	2.40	0.07	.....	0.06	.....	4	2.65	5.35	7.51	8.77	9.95
		Bishenpore	1.18	0.10	2.40	0.27	0.09	0.39	.....	6	4.43	6.64	8.00	9.49	10.79
		Maliara	1.21	0.81	0.33	.....	.....	.....	.....	3	2.35	5.68	7.99	11.28	9.31
		Khatra	0.34	0.10	8.82	.....	.....	0.88	0.98	5	11.12	13.40	7.95	16.48	9.90
		Indas	0.18	0.42	0.94	.....	.....	.....	.....	3	1.54	3.14	?	6.71	.....
	Beerbhoom	Kotalpore	.....	3.04	0.31	.....	0.41	.....	.....	3	3.76	5.23	?	8.54	.....
		Anda	.....	0.69	0.40	.....	.....	0.50	.....	3	1.50	3.10	?	4.45	.....
		Gangajalghati	.....	1.37	.....	.....	.....	1.50	.....	2	2.87	3.83	?	9.17	.....
		Karpore	1.45	0.05	2.35	.....	0.09	0.07	.....	5	4.01	5.57	?	10.39	.....
		Sonamukhi	1.15	1.25	0.37	0.50	.....	0.70	0.16	6	4.13	4.86	?	8.75	.....
		Bh. Soory	1.02	0.44	0.24	.....	0.27	1.24	0.06	6	3.27	5.25	8.29	14.03	10.22
		Hetampore	.....	0.31	0.34	.....	0.38	1.31	.....	4	2.34	4.26	8.51	9.48	10.85
		Rampore Haut	.....	2.08	0.69	0.79	1.12	.....	.....	4	4.59	8.87	7.74	16.64	9.25
		Bolpore	0.25	0.35	0.18	0.44	.....	0.81	.....	5	2.03	6.67	?	8.77	.....
		Nuddea	Ranaghat	0.76	0.10	0.55	0.05	0.04	0.20	0.08	7	2.38	5.78	8.43	9.44	11.35
	Khoolna	Kishnaghat	.....	0.48	0.27	0.19	.....	.....	1.38	4	2.32	7.79	7.08	15.01	9.90
		Choodanga	0.92	.....	0.54	.....	.....	.....	.....	2	1.42	5.32	8.22	10.62	12.66
		Meherpore	3.07	.....	0.24	.....	.....	0.13	.....	3	3.44	5.97	8.65	16.78	11.48
		Koostea	.....	.....	1.09	.....	.....	0.25	.....	2	1.25	6.94	8.54	13.09	12.57
		Satkira	0.15	0.18	0.82	0.30	0.12	0.26	0.30	7	3.07	6.01	10.58	8.37	13.57	
		Bagirhat	0.26	.....	0.37	0.27	0.19	3.00	0.50	6	4.53	9.65	11.44	11.35	14.79
		Khoolna	.....	.....	.....	.....	1.70	.....	2.52	2	4.22	13.10	10.74	13.89	15.86
		Jessore	Narail	0.08	1.05	0.12	0.06	0.24	0.76	6	2.31	5.15	10.06	5.48	13.10
		Jessore	1.23	.....	0.50	0.11	0.04	0.84	0.42	6	3.14	9.23	10.91	11.30	14.49
		Jhenidah	2.65	0.45	0.38	0.63	.....	2.10	0.12	6	6.33	9.86	11.20	13.27	14.79
	Moorshedabad	Mugoorah	.....	0.12	.....	0.10	0.09	0.17	0.29	5	1.77	5.95	9.79	7.85	14.14
		Bongong	0.09	0.25	0.29	.....	.....	0.42	0.30	5	1.35	7.37	8.63	8.96	11.76
		Kandi	.....	0.66	0.92	.....	2.51	.....	.....	3	4.09	10.84	7.60	16.82	9.90
		Berhampore	0.23	0.57	0.13	1.68	.....	0.95	0.03	6	3.39	8.91	7.59	15.64	10.44
		Lalbagh	.....	0.06	0.43	1.19	.....	1.10	0.02	5	2.80	9.44	8.78	18.53	9.42
		Azimung		.....	1.40	0.67	1.43	0.12	1.05	0.11	6	4.78	10.03	7.24	18.85	10.14
Jungipore		0.01	0.31	2.29	1.35	0.48	0.16	.....	6	4.00	10.07	6.80	22.40	10.14	
Lalgola		.....	0.40	0.74	3.35	0.10	.....	1.07	5	5.66	10.19	7.13	25.10	10.14	
Akhrganj		.....	0.29	1.73	0.06	1.90	2.81	0.23	6	6.93	11.88	?	21.56	.....	
Patkabari		0.25	0.39	0.15	0.45	0.80	.....	.....	5	1.95	4.45	?	8.45	.....	
EAST BENGAL.	Chittagong	Cox's Bazar	0.05	0.57	0.40	0.34	0.36	0.17	0.14	7	2.03	17.56	27.96	18.13	21.70	
		Chittagong	.....	0.02	0.45	0.70	1.39	.....	.....	.....	.....	.....	21.02	22.43	22.43
		Kutubdia	0.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
	Chittagong Hill Tracts.	Satkanya	0.72	0.24	1.00	0.32	.....	.....	.....	.....	.....	.....	?	.....	.....
		Rangamati	0.06	0.17	0.36	1.04	0.58	0.80	.....	6	3.01	13.59	16.15	16.74	22.50
		Ruma	0.50	0.28	0.56	0.42	0.54	0.06	0.29	7	2.62	11.33	19			
	Backergunge	Patnakhally	.....	.....	0.45	0.40	.....	0.45	0.43	4	1.73	7.47	19.26	9.09	23.71
		Persepore	.....	1.72	0.47	0.43	0.65	1.46	0.11	6	4.64	8.72	12.31	10.93	17.31
		Barrisal	.....	0.21	0.84	1.30	0.10	0.74	0.08	6	3.27	8.15	13.50	10.09	21.41
		Bhola	.....	.....	0.59	0.28	0.38	0.23	0.19	5	1.63				

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887—contd.

Meteorological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 18th June.	Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Number of rainy days.	of Rainfall week.				
WEST BENGAL—contd.	Nouakhally ..	Gournaddi	0.70	0.36	0.85	0.57	0.52	5	3.00	7.34	?	7.96	?
		Bauphal	0.03	0.63	1.03	0.28	?	?
		Noukhally	2.24	1.44	0.32	21.72	20.65	20.65
		Fanny	0.28	2.10	0.43	0.24	25.85	30.03	30.03
	Furr-edpore ..	Harishpore	0.89	0.50	0.28	1.20	?	?	?
		Ramganj	0.56	0.14	0.60	?	?	?
		Madaripore	0.32	0.41	0.90	1.26	4	2.89	11.53	11.07	13.24	15.47
		Furzedpore	0.63	0.26	0.06	1.59	4	2.48	8.90	10.55	9.65	15.81
	Dacca ..	Goulundo	0.32	0.60	0.16	3	1.18	8.10	9.89	9.50	13.79
		Munshigunge	0.38	0.22	1.65	0.69	13.89	18.43
		Dacca	0.42	0.33	0.32	0.04	0.02	5	1.13	7.35	11.27	8.98	16.65
		Narainkunge	0.12	0.42	0.12	0.14	0.30	0.91	6	2.01	7.74	11.42	9.11	14.89
	Hill Tipperah ..	Manickkunge	0.15	0.07	0.52	0.11	0.34	0.04	0.97	7	2.29	6.85	8.31	13.04
		Joydebpore ...	0.09	0.50	0.90	0.56	0.07	0.30	2.65	7	5.07	13.15	?	14.85	?
		Agartala	0.87	0.95	0.30	0.47	0.25	12.84	17.63
		Comilla	0.16	0.70	1.90	0.20	0.25	1.80	6	5.11	18.17	16.34	13.74	21.17
	Tipperah ..	Chandpore	0.30	0.80	0.70	3.10	0.10	0.20	6	2.10	6.53	15.96	7.83	19.79
		Brannmunheria	1.28	1.00	0.36	13.65	18.76
		Ramchandra-pore	0.05	1.46	0.30	0.10	0.24	?	?
		Nasirnagar	1.00	?	?
Mymensingh ..	Daudkandi ...	.....	.....	1.27	0.14	.....	0.21	0.27	4	1.80	8.18	?	8.89	?
	Kasha ...	.....	0.20	0.99	2.65	0.40	0.72	0.42	6	5.38	13.00	?	13.10	?
	Laksham ...	.....	.....	1.68	0.55	.....	.....	0.12	3	2.33	4.75	?	5.55	?
	Kishoreganj ..	0.45	0.18	1.61	2.21	0.23	.....	1.82	6	6.50	21.91	16.45	21.51	21.44
SOUTH BENGAL	Pubna ..	Atia (Tangail)	1.47	0.22	0.87	0.26	4	2.82	15.14	10.35	16.19	14.10
		Mymensingh ..	2.50	0.09	0.58	0.89	1.04	0.73	15.84	21.09	21.09
		Jamalsore	6.26	0.49	0.44	3.47	4	10.66	22.92	11.80	27.61	15.99
		Netrokona ...	0.56	1.65	0.79	1.62	0.31	14.01	18.82
	Bogra ..	Subornakhally ..	1.24	0.96	0.21	1.69	1.27	2.47	0.44	7	8.28	17.41	?	21.44	?
		Durgapore ...	0.60	2.30	2.40	7.20	4.40	5	10.90	37.16	?	41.23	?
		Dewanganj	1.83	0.75	1.63	0.62	1.67	3.79	6	10.19	33.02	?	43.11	?
		Pubna	0.10	0.15	0.25	0.73	4	1.23	5.09	9.47	7.29	13.24
	Najmahy ..	Seraingunge ...	1.10	0.69	0.52	1.95	0.22	2.80	0.00	7	7.17	20.64	9.09	23.69	13.16
		Sherpore ...	0.03	0.46	0.31	0.37	2.50	5	3.87	15.48	9.87	21.03	14.90
		Nowkhilla	0.07	0.26	1.14	0.47	2.30	1.15	6	5.39	20.25	10.36	25.41	13.98
		Bogra ..	0.77	0.14	0.67	0.68	0.70	0.89	0.75	7	4.60	24.38	10.86	34.62	15.43
	Maldah ..	Panchbibi	1.04	1.30	0.10	3.55	4	5.99	14.99	9.29	28.09	13.14
		Beaulash	0.22	0.43	0.72	1.54	1.77	0.52	6	5.20	9.75	7.58	18.04	10.41
		Natore	0.72	0.80	1.10	0.90	4	3.52	8.47	8.05	14.91	11.45
		Naogaon	0.76	0.70	1.02	5.00	0.70	5	8.18	16.34	?	24.96	?
	Dinapore ..	Lalpara	0.61	0.88	0.77	3	2.26	3.36	?	10.17	?
		Manda	0.72	0.82	0.11	4.08	0.90	5	6.43	14.10	?	21.57	?
		Maldah	0.07	0.39	1.45	0.41	1.65	5	3.97	10.78	9.10	23.14	11.09
		Chanchal	1.74	4.25	2.91	0.07	4	8.97	12.75	9.12	29.39	11.81
Rungpore ..	Gajol ...	1.50	0.40	1.10	2.10	2.80	1.60	0.20	7	9.70	14.40	?	21.60	?	
	Sibganj ...	.....	.....	1.39	1.90	.....	0.15	0.20	4	3.04	9.06	?	19.39	?
	Mohadebpore ..	.....	0.26	1.30	.....	2.75	0.09	0.70	5	5.61	9.85	11.52	23.37	14.48
	Churamon ...	0.05	.....	2.57	0.82	5.78	.....	.....	4	15.22	20.12	8.82	34.21	10.80
Jalpigore ..	Raigunge ...	0.13	.....	2.05	4.94	7.31	.....	0.05	5	14.43	20.96	11.44	32.19	14.44
	Dinapore ...	.....	.....	2.58	6.01	3.75	0.15	1.39	5	12.88	21.40	12.57	40.76	16.73
	Bakerganj ...	.....	.....	3.43	0.64	.....	0.71	0.52	4	5.30	14.58	9.46	26.73	12.84
	Bhawaniganj ..	.....	0.42	0.50	1.45	0.16	5.45	0.75	6	8.73	24.16	13.11	34.41	18.28
Cooch Behar ..	(Gyabanda) ...	.....	.....	1.33	5.48	2.01	0.15	0.04	5	9.01	26.38	15.75	39.25	23.56
	Rungpore ...	.....	.....	1.78	2.59	1.91	0.94	.....	4	7.22	28.31	19.30	37.02	27.67
	Kurigram ...	0.30	0.40	1.82	5.21	3.24	0.12	0.70	7	11.79	32.31	22.38	53.19	25.10	
	Bagdogra ...	.....	.....	1.61	1.50	0.28	1.27	0.21	5	4.87	20.73	?	27.76	?
Darjeeling Hill ..	Ulipore ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
	Jalpigore ...	2.18	.....	1.60	4.94	3.87	.....	.....	4	12.59	27.61	22.94	45.73	29.93
	Alipore Doar ..	7.62	.....	2.60	2.47	1.60	0.40	.....	5	14.69	37.95	?	45.38	?
	Fallacolla ...	5.95	0.10	1.60	3.54	2.76	0.60	.....	6	14.73	35.72	?	47.46	?
North Bhagal-pore ..	Debiganj ...	0.60	0.05	1.15	4.80	3.80	0.05	0.55	7	11.09	23.27	?	38.24	?	
	Dumkila ...	1.71	.....	2.41	3.01	3.90	1.88	.....	5	12.61	29.49	23.16	43.72	33.96
	Cooch Behar ...	6.92	.....	1.64	3.57	1.86	0.24	0.17	6	13.40	43.47	30.19	56.29	38.88
	Mickkunge ...	4.72	.....	2.08	3.25	2.85	.....	.....	4	12.82	25.46	20.20	40.61	28.63
Darbhanga ..	Masbhanra ...	8.51	.....	2.94	3.33	2.42	0.45	0.10	6	17.75	34.94	25.31	40.85	34.57
	Burk ...	0.71	.....	1.58	1.23	1.86	0.44	0.26	6	6.08	21.27	34.08	42.17	47.33
	Silguri ...	0.29	.....	1.55	3.03	3.81	.....	0.07	5	9.07	28.79	23.25	43.34	26.38
	Darjeeling ...	0.28	.....	2.09	3.84	2.54	0.45	0.64	6	9.84	18.09	18.86	35.59	22.53
Muzaffarpore ..	Kailmpong ...	2.18	.....	1.39	3.02	2.01	.....	0.13	5	8.73	15.41	15.02	24.92	17.28
	Kissengunge ..	.....	.....	1.38	7.04	2.13	.....	1.43	4	11.98	17.81	12.29	35.83	15.41
	Arrareah ...	.....	0.03	3.00	1.10	1.90	0.06	0.21	6	6.50	11.03	9.66	25.98	12.41
	Purnea ...	.....	.....	2.63	0.70	0.71	.....	1.75	4	5.81	13.83	8.61	36.11	10.67
Madrass ..	Gondeara ...	.....	.....	2.30	1.25	0.60	.....	0.70	4	4.85	?	?	?	?
	Bairampore ...	.....	.....	3.87	3.33	4.81	.....	1.00	4	13.11	19.95	?	34.58	?
	Matiara ...	.....	.....	1.06	1.55	.....	.....	.....	2	2.61	9.49	?	10.44	?
	Kailaganj ...	.....	.....	1.80	3.14	1.10	.....	0.16	4	6.29	12.35	?	24.30	?
Madrass ..	Madanpore ...	.....	.....	1.91	1.12	0.46	0.41	.....	4	3.90	7.87	0.58	19.96	8.33
	Soanool ...	0.19	.....	1.20	1.12	0.14	0.15	1.31	6	4.11	10.87	7.16	19.62	8.92
	Protaganj ...	.....	0.23	0.30	0.66	.....	0.09	.....	4	1.27	9.45	?	19.15	?
	Tajpore ...	.....	0.42	0.32	1.50	0.86	4.29	0.21	6	7.51	10.09	5.10	17.97	5.87
Madrass ..	Darbhanga ...	0.39	.....	.....	2.13	0.71	0.12	0.41	5	3.76	8.75	5.54	14.07	6.02
	Madhubani ..	0.23	.....	0.49	1.58	1.62	.....	0.37	5	4.29	10.45	6.11	18.42	7.58
	Bahera ...	.....	.....	0.91	4.00	0.69	.....	0.12	4	4.22	9.23	?	13.69	?
	Koshera ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	?
Madrass ..	Muzaffarpore ..	.....	.....	0.20	1.02	2.65	0.12	.....	4	3.90	13.75	6.23	17.05	7.55
	Madrass ..	0.10	.....	.....	2.35	0.86	0.32	.....	4	3.69	10.39	5.39	14.94	6.58
	Hajipore ...	.....	.....	1.40	1.21	0.18	.....	1.55	4	4.34	6.97	5.29	10.41	5.94
	Paru ...	.....	.....	.....	3.40	0.30	.....	.....	2	3.59.0</				

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 24th of June 1887—concl'd.

Met. orological Division.	District.	Station.	RAINFALL.							TOTAL.		Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 15th May 1887.	Average rainfall from 15th May to date.
			Saturday, 18th June.	Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Number of rainy days.	of Rainfall week.				
NORTH BEHAR	SARUN	Gopalgunge ...	5'04	1'32	0'33	2'75	0'65	.....	0'29	5	5'33	6'35	4'06	8'83	5'09
		Sewan ...	.....	2'60	0'36	3'63	0'12	.....	.....	4	6'11	7'49	4'85	10'87	5'85
SOUTH BEHAR	SHAHABAD	Chuprah ...	0'07	0'71	0'79	1'27	0'10	.....	.....	5	2'85	5'28	3'03	13'67	4'81
		Buxar ...	.....	0'30	0'44	0'35	.....	.....	0'15	4	1'24	3'69	3'21	9'42	3'68
		Dhenoo ...	.....	.....	.....	0'32	.....	.....	.....	1	0'32	5'19	?	10'98	?
		Bhuboah ...	.....	.....	.....	.....	.....	.....	.....	NH	NH	1'70	2'77	4'83	3'19
		Sasseram ...	.....	.....	0'20	0'20	.....	.....	.....	2	0'40	2'65	2'83	7'49	3'39
		Arrah ...	.....	1'02	1'10	0'15	0'06	.....	0'15	5	2'48	4'88	3'94	15'28	4'07
		Mohania ...	.....	.....	0'35	.....	.....	.....	.....	.....	.....	.....	?	.....	?
	Gya	Aurangabad ...	.....	.....	0'13	1'25	.....	.....	.....	2	1'38	2'58	3'89	10'02	4'28
		Gya ...	.....	0'09	2'03	0'86	.....	.....	.....	3	3'63	6'05	4'30	10'90	5'01
		Nowadah ...	.....	.....	1'67	0'28	.....	.....	.....	2	1'95	4'67	3'68	7'39	5'09
		Jehanabad ...	.....	0'02	2'05	0'75	.....	.....	0'06	4	2'89	4'49	3'75	10'10	4'71
		Arwal ...	.....	0'51	0'50	0'05	.....	.....	.....	3	1'67	3'58	?	10'83	?
		Daudnagar ...	.....	.....	.....	0'12	0'50	.....	.....	2	0'62	5'12	?	11'02	?
		Sherghati ...	0'50	0'50	0'60	1'30	.....	.....	.....	4	2'90	3'75	?	9'33	?
		Rajauli ...	0'40	.....	0'30	.....	.....	.....	.....	2	0'70	1'10	?	4'72	?
		Pakri Barawan ...	.....	.....	0'40	0'40	.....	.....	1'00	3	1'80	2'55	?	4'23	?
	
	Patna	Patna ...	.....	.....	1'45	0'32	0'08	.....	.....	3	1'85	5'63	4'92	15'10	6'11
		Dinapore ...	.....	.....	2'57	2'29	.....	.....	.....	2	4'77	5'91	4'23	15'15	4'97
		Behar ...	0'06	.....	1'33	1'47	.....	0'08	0'02	5	2'96	4'57	4'54	9'65	5'77
		Barru ...	.....	.....	0'35	0'40	.....	0'70	0'23	4	1'68	3'29	3'50	10'39	4'61
		Bickrum ...	.....	.....	1'95	0'70	.....	.....	0'10	3	2'75	3'30	?	13'60	?
		Hilsa ...	.....	.....	3'30	0'54	.....	.....	.....	2	4'04	5'85	?	10'47	?
	Monohyr	Begoeserai ...	0'08	0'72	0'40	1'05	0'60	0'27	0'93	7	4'65	6'59	4'75	13'80	5'86
		Monohyr ...	.....	0'65	0'67	1'08	0'22	1'09	0'39	6	4'21	5'84	4'58	15'81	5'79
		Jamui ...	.....	0'21	0'67	1'04	0'17	.....	0'49	5	2'68	5'15	4'30	9'83	5'54
		Gogri ...	.....	.....	1'60	1'30	.....	1'15	0'60	4	5'15	6'89	?	20'15	?
		Sheikpura ...	.....	.....	2'70	.....	.....	.....	.....	1	2'70	3'40	?	8'30	?
	South Himgulpore.	Himgulpore ...	.....	0'06	0'71	3'15	0'29	1'55	0'02	6	5'78	8'79	5'65	15'49	7'01
		Banks ...	.....	0'09	0'40	3'00	1'36	0'10	0'13	6	5'08	6'63	5'46	14'05	6'35
		Koigong ...	.....	.....	1'19	4'59	2'39	.....	0'19	4	8'38	12'57	?	22'88	?
	Sonthal Pergunnahs.	Rajmahal ...	.....	.....	0'94	1'35	1'35	0'61	.....	4	4'25	6'20	8'16	23'44	10'90
		Godda ...	.....	.....	.....	0'55	1'81	.....	0'60	3	2'96	3'78	5'09	20'17	6'31
		Pakour ...	0'24	.....	1'25	0'25	0'27	0'17	0'23	6	2'41	6'31	9'01	17'91	11'30
		Nya Dookma ...	0'16	.....	0'68	0'79	0'63	0'10	0'06	6	2'45	3'99	6'09	15'04	8'07
		Deognur ...	0'02	.....	0'69	2'14	0'62	0'99	0'46	6	4'92	7'18	5'07	12'30	7'22
		Jauntra ...	0'40	0'34	0'14	0'24	0'32	.....	0'35	6	2'68	3'56	7'51	9'63	5'15
		Simra ...	.....	0'20	1'00	0'50	2'00	1'10	0'05	6	4'85	7'70	?	21'45	?
		Namhat ...	.....	.....	1'13	.....	0'50	.....	.....	2	1'63	2'73	?	6'28	?
	
	
CHUTI NAGPUR	HAZARIBAGH	Pachamba (Girdi) ...	.....	.....	.....	0'63	1'83	.....	0'27	3	2'73	5'82	6'52	8'83	7'59
		Hazaribagh ...	.....	0'63	1'51	0'94	0'17	0'13	0'07	6	2'55	7'79	5'42	9'07	6'75
		Semiaguran ...	.....	.....	1'75	.....	0'11	.....	0'35	3	2'21	4'44	5'54	10'26	7'71
		Mahudi Hills ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	8'57	?	9'21	?
		Jhoomrah Hills ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Barni ...	.....	0'04	0'31	.....	0'25	.....	.....	3	0'60	1'49	?	0'76	?
		Chatra ...	.....	.....	1'76	0'43	0'12	.....	.....	3	2'31	3'11	?	11'53	?
		Karagdeha ...	.....	0'30	0'40	0'16	0'70	.....	.....	4	1'56	5'33	?	11'23	?
		Namghur ...	.....	.....	0'32	0'78	0'75	.....	.....	3	1'85	4'75	?	10'29	?
	
	LOHARAGGA	Loharagga ...	0'12	0'02	0'76	0'71	0'25	.....	.....	5	1'87	3'85	?	9'92	?
		Kanchi ...	0'10	1'80	1'64	.....	1'59	.....	0'09	5	5'13	8'32	6'06	19'84	7'22
		Paimow ...	.....	.....	1'45	0'14	0'35	.....	.....	3	1'94	2'97	4'15	8'49	4'68
		Silla ...	.....	.....	1'60	.....	.....	0'60	.....	2	2'20	4'70	?	8'69	?
		Batumat ...	.....	.....	.....	1'40	.....	.....	.....	.....	.....	.....	?	?	?
	Singbhoom	Hosseinabad ...	.....	.....	.....	1'40	.....	.....	.....	.....	.....	.....	?	?	?
		Garwah ...	.....	0'69	0'93	0'03	.....	.....	.....	.....	.....	.....	?	?	?
		Chyenasa ...	.....	0'27	2'70	.....	0'15	1'75	.....	4	4'87	5'70	6'37	15'11	8'49
		Chakeradhar-pore ...	0'43	1'90	.....	.....	0'41	1'01	.....	4	3'76	6'60	?	10'72	?
		Chatsilla ...	0'06	0'09	1'53	.....	0'06	.....	0'49	5	4'04	6'56	?	8'86	?
	Wandbhoom	Baharagura ...	0'37	0'10	2'46	.....	.....	0'73	0'46	5	4'16	5'52	?	8'50	?
		Purula ...	0'86	0'53	1'05	.....	.....	0'08	0'25	5	2'75	4'90	6'86	10'55	8'71
		Gonnupore ...	.....	0'17	0'63	.....	.....	1'27	.....	3	2'67	4'10	5'94	7'93	7'02
		Raghunath-pore ...	.....	0'26	0'41	.....	.....	.....	.....	2	0'67	4'44	?	11'41	?
		Barrabhoom ...	.....	0'25	1'53	.....	0'23	0'91	.....	4	2'92	5'00	?	7'53	?
		Jhaida ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?
		Chas ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	?	?

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 28th June 1887.

**SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVA-
TIONS TAKEN IN ASSAM, FOR THE WEEK ENDING FRIDAY, THE
24TH OF JUNE 1887.**

At the close of the previous week the meteorological conditions which obtained over the province were not very far removed from the normal, except that on Friday, the 17th, a rather strong westerly element was present in the wind directions in Bengal, pointing probably to a considerable extension of the Bombay branch of the monsoon current, and which had to a certain extent driven back the monsoon current blowing from the Bay of Bengal. On Saturday, the 18th, the westerly element in the wind directions was decreasing in force, and these winds were being driven back by a slight increase in the strength of the Bengal current. On this day, therefore, conditions were only fairly favourable for rainfall, and moderate rain was reported from the south-western and northern districts. On Sunday, the 19th, the 10 A.M. observations showed clearly that a very feeble whirl or barometric depression had formed over the Sunderbans, the centre of the whirl being apparently only a short distance to the south-east of Saugor Island. On this day the wind direction at the stations at the head of the Bay showed a distinct cyclonic circulation in connection with the feeble whirl, but the wind velocities were in all cases light. On Sunday rainfall was fairly general in South-West Bengal and Orissa, and in some cases decidedly heavy in connection with the small depression, but the indraught towards it to a certain extent stopped the progress of the monsoon current over Bengal, and rainfall was to a great extent absent in East and North Bengal and in Behar. On Monday, at 10 A.M., the very feeble storm had moved in a north-westerly direction, and its centre was between Burdwan, Ranigunge and Bancoorah, and apparently approaching Ranigunge, and round the storm wind directions showed a very complete cyclonic circulation. It had also intensified slightly on this day, and the depression was very distinctly perceptible, though the wind force in connection with it was small. The feeble storm, however, brought up a rather heavy burst of rainfall to the area affected by it, and by allowing the monsoon current to again advance over the land, rainfall extended to other parts of Bengal also, and on this day heavy rain was reported over a large part of the province. On Tuesday, the 21st, the storm had again advanced in a north-westerly direction, and its centre was in South Behar. It was on this day probably becoming more feeble, and it was then a decidedly shallow depression, the centre of which was between Gya and Bhagulpore. On Tuesday rainfall became lighter in South-West Bengal, Orissa and to a certain extent in East Bengal, but the area of heavy rainfall extended to the northern districts of the province, and on this day heavy rain fell in Behar and North Bengal. The feeble storm then commenced to break up, and in its disappearance again produced heavy rain over the whole of the northern districts of the province, and on Wednesday, the 22nd, the storm had scarcely any well defined existence at all. The very feeble storm having thus disappeared, conditions became nearly normal, and rainfall decreased in quantity and also in area.

The pressure changes which were taking place during the week were also important, and, with the exception of the area immediately affected by the depression above described, pressure has been rising almost steadily throughout the week over the remainder of the province. With the disappearance of the depression, therefore, on Friday, the 24th, pressure became largely above the normal over the whole province, the average excess in Bengal generally being greater than a tenth of an inch, while the excess in Assam was only equal to about half this amount. This extremely large excess pressure has naturally had the effect of stopping the flow of the monsoon current over Bengal, and thus conditions had become favourable for a break in the rains at the end of the week.

Pressure.—As above stated, has risen almost steadily throughout the week over the province, except over that part which was affected by the feeble storm. The mean pressure for the week is therefore above the normal at almost all stations. Taking only into consideration those stations from which averages have been obtained for a considerable number of years, the average excess pressure for the week has been nearly 0.03". At Calcutta, however, near which the centre of the feeble storm must have passed, pressure has been in defect by 0.007". The largest variations from the normal have been an excess of 0.052" at Cuttack and one of 0.047" at Hazaribagh. In the previous week the average pressure was rather considerably below the normal in all districts.

Temperature.—Owing to the heavy rainfall which has been received in Behar and North Bengal, temperature in these districts is rather largely below the normal; and the defect in North Behar equals 2.3°, in South Behar 2.1°, and in North Bengal 1.4°. In Chutia Nagpur also the mean temperature has been below the normal by 1.1°, and in Assam the defect is 0.7°. South-West Bengal and Orissa, on the other hand, have had a normal temperature, and in East Bengal the temperature has been 0.5° above the normal for the period. For the whole of Bengal, therefore, temperature has been about 1° in defect of the normal for the week.

Rainfall.—Has been in excess of the normal in all districts except East Bengal, where there has been a small defect. North Bengal has received an average fall of no less than 8.70 inches falling on an average of 5.1 days in the week. This amount is no less than 4.16 inches in excess of the normal, which is 4.54 inches, and this district has therefore

received a fall almost twice as large as usual. North Behar has received 5.50 inches, which is no less than 3.05 inches in excess of the normal for the week, and thus this district has received considerably more than twice the normal rainfall. South-West Bengal has received an average fall of 3.40 inches, the normal fall for the week being 2.55 inches, and the actual is thus distinctly larger than the normal. South Behar has received 2.80 inches against the normal 1.94 inches, Orissa an actual fall of 2.76 inches against 2.18 inches, and Chutia Nagpur a fall of 2.72 inches against the normal 2.38 inches; and thus each of these districts has received a fall considerably larger than the normal. East Bengal, on the other hand, has only received an average rainfall of 3.60 inches, the normal fall being 4.40 inches, and is thus distinctly, though not very largely, in defect.

In Assam rainfall has been general and frequent throughout the week, and at those stations from which reports are received, the following falls are recorded:— at Dhubri 5.56 inches, at Sibsagar 3.98 inches, and at Silchar 2.10 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 24th of June 1887:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May 1887.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	99.4	74.6	89.9	79.0	84.5	-0.2	2.76	2.18	+0.58	3.7	3.2	+0.5	4.20	5.89	10.93	7.81
South-West Bengal	96.8	75.8	90.8	78.6	84.7	0	3.40	2.55	+0.85	4.5	3.9	+0.6	7.27	8.30	11.35	10.90
East Bengal	92.1	70.9	87.2	77.3	82.3	+0.5	3.60	4.45	-0.85	5.0	5.0	0	11.86	15.41	13.62	19.94
North Bengal	92.3	69.6	86.7	76.2	81.5	-1.4	8.70	4.54	+4.16	5.1	4.5	+0.6	19.99	14.04	32.14	19.14
North Behar	94.0	71.3	88.1	77.1	82.6	-2.3	5.50	2.45	+3.05	4.4	3.1	+1.3	10.41	6.37	18.12	7.80
South Behar	96.4	73.2	88.8	78.0	83.4	-2.1	2.80	1.94	+0.86	4.1	3.0	+1.1	4.96	4.89	12.81	6.08
Chutia Nagpur	91.5*	69.9*	85.4*	73.2*	79.3*	-0.1*	2.72	2.38	+0.34	3.8	3.6	+0.2	4.89	6.23	11.06	7.53
Assam	95.6	74.8	87.0	76.8	81.9	-0.7										

* Chyobassa not included.

METEOROLOGICAL OFFICE, BENGAL;

The 28th June 1887.

A. PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 19th to 25th June 1887.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1887.		°	°	°	°	°	Inches.	°	%	Inches
June	19th	81.3	90.0	12.4	77.6	79.9	1.003	79.3	93	0.32
"	20th	82.0	88.0	10.3	77.7	79.8	.989	78.9	90	1.92
"	21st	81.2	85.0	6.7	78.3	79.2	.973	78.4	91	0.03
"	22nd	84.6	92.2	12.4	79.8	81.4	1.030	80.2	86	0.02
"	23rd	83.8	90.0	10.2	79.8	81.4	1.041	80.4	89	Nil.
"	24th	84.2	93.0	12.6	80.4	81.2	1.026	79.6	87	"
"	25th	85.5	93.2	14.3	78.9	81.0	.998	79.2	81	"

The mean temperature of the seven days	...	...	...	°
The extreme variation of temperature	...	...	...	15.6
The maximum temperature	...	...	...	93.2
The mean relative humidity	...	...	...	%
	...	...	...	88
				Inch.
The total fall of rain from 19th to 25th June 1887	...	...	...	2.29

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

The 27th June 1887.

A. PEDLER,

For Offg. Meteorological Reporter to the Govt. of India.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1887-88.

Areas leased for Irrigation up to end of April 1887.

CIRCLE.	DISTRICT.	CANAL.	Esti- mated full dis- charge.	Average discharge in month.	Discharge utilised.	Approxi- mate area of land irrigated during the year up to the end of the month.	Approxi- mate area of land under irrigation up to the end of the last year.	DETAILS OF AREAS LEASED.										RAINFALL, 1887-88.		RAINFALL, 1886-87.		REMARKS.
								Five years, all crops.	Five years, Kharif.	ANNUAL LEASES.						Grand total.	Inch.	Inch.	Up to end of month.	During month.	Up to end of month.	
										Kharif.	Rabi.	Sugar- cane.	Bhadol. weather.	Total.								
ORISSA	Cuttack	Taldanda, 1st Reach.	1,342	51	319	36	...	3,976	Three days discharging. Ten days discharging.		
		Taldanda, 2nd Reach.	508	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Machgong	776	22	133	4	...	18,010	...	...	...	...	...	...	...	...	...	...	...
		Kendrapara	1,269	183	119	7	53	1,37,310	...	...	...	...	...	...	...	...	...	...	...
		Gohri	372-82	39-63	9-56	...	9	...	...	...	...	...	...	...	...	...	...	...	...
		Pattamondoo	1,042	57-00	45-08	...	...	8,139	...	...	...	...	...	...	...	...	...	...	...
		High Level, Range I.	675	21-25	21-25	...	...	13,864	...	...	...	...	...	...	...	...	...	...	...
		High Level, Range II.	727-16	291-95	8-00	...	...	379	...	...	...	...	...	...	...	...	...	...	...
		High Level, Range III.	727-16	5-00	5-00	64	66	6,127	...	...	...	...	...	...	...	...	...	...	...
		Total	111	128	87,805	
SOUTH- WESTERN	Midnapore	Total of the corresponding period of last year.	70,155	Five-years leases which expired on the 31st March 1887 have been omitted.		
		Midnapore	1,411	72	...	...	...	44,437	...	...	...	...	...	...	...	...	...	...	...
		Panchgani	522	10	...	...	...	4,205	...	...	...	...	...	...	...	...	...	...	...
		Tidal Reaches, Rangas I and II.	...	...	...	...	...	580	...	...	...	...	...	...	...	...	...	...	...
		Total	...	...	...	...	...	49,222	...	...	...	...	...	...	...	...	...	...	...
		Total of the corresponding period of last year.	...	...	...	...	...	67,599	...	...	...	...	...	...	...	...	...	...	...
		Shahabad	4,342	870	32	367	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buxar	1,256	115	66	2,762	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah	1,660	709	500	17,649	...	...	...	...	...	...	...	...	...	...	...	...	...
		Eastern Main	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH	Patna	Patna	1,466	229	150	730	...	...	...	...	...	...	...	...	...	...	...	...	Five-years leases which expired on the 31st March 1887 have been omitted.
		Gya		
		Total		
		Total of the corresponding period of last year.		
		Grand Total	137,027		
		Grand total of the correspond- ing period of last year	137,754		
			
			
			
			

The 28th June 1887.

C. W. I. HARRISON, Lieut.-Col., R.E.,
Offg. Joint-Secretary to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 18th June 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 18TH JUNE 1887.			WEEK ENDING SATURDAY, THE 19TH JUNE 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	218	37,718	597	204	48,052	820
Jute ...	19	9,910	208	6	6,900	118
Firewood ...	111	56,175	850	85	35,950	518
Other articles ...	742	2,17,379	2,998	538	1,43,520	2,153
Total ...	1,090	3,21,182	4,653	833	2,34,422	3,609

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 25th June 1887, compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 25TH JUNE 1887.			WEEK ENDING SATURDAY, THE 26TH JUNE 1886.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	355	55,860	946	177	44,315	762
Jute ...	13	5,900	100	6	2,275	42
Firewood ...	92	45,900	659	187	36,280	582
Other articles ...	824	2,33,140	3,378	684	2,05,985	2,781
Total ...	1,284	3,40,800	5,083	1,004	2,88,855	4,167

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of May 1887, as compared with the same month of the previous year.

STAPLES.	1886.		1887.		1886.	1887.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
I.—Coal	464	.....	413	.....	464	413	.....	51
II.—Cotton, raw	9	.....	7	.....	9	7	.....	2
IV.—Cotton piece-goods—								
a.—In bales and bundles	57	.....	46	2	57	48	.....	9
X.—Jute—								
2.—Gunny-bags and cloths ... ..	.....	.....	25	.....	.....	25	25	.....
VII.—Grains—								
1.—Wheat	105	61	69	.....	166	69	125	.....
2.—Rice			35	145		180		
4.—Gram ... ..			.....	1		1		
5.—Others			41	.....		41		
VIII.—Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ... ..	.....	.....	.....	2	.....	2	2	.....
XII.—Leather, manufactured ... ..	.....	.....	3	.....	.....	3	3	.....
XIII.—Liquors—								
1.—Beer ... ..	.....	.....	1	.....	.....	1	1	.....
2.—Wines ... ..	.....	.....	1	.....	.....	1	1	.....
3.—Spirits ... ..	.....	.....	1	.....	.....	1	1	.....
XIV.—Metals—								
1.—Copper, unwrought	6	3	3	.....	9	3	6	.....
6.—Others			7	4		11		
XV.—Oils—								
2.—Kerosine ... ..	.....	.....	1	.....	.....	1	1	.....
3.—Others ... ..	.....	.....	17	.....	.....	17	17	.....
XIX.—Provisions—								
1.—Ghee ... ..	.....	.....	1	.....	.....	1	1	.....
2.—Dried fruits and nuts ... ..	.....	.....	1	.....	.....	1	1	.....
XX.—Railway plant and rolling-stock	9	4	25	7	13	32	19	.....
XXI.—Salt	10	.....	82	.....	10	82	72	.....
XVI.—Oilseeds—								
1.—Linseed	34	47	1	.....	81	1	.....	24
2.—Mustard and rape			42	.....		42		
7.—Others			14	.....		14		
XXIII.—Silk, raw—								
2.—Indian ... ..	.....	20	2	19	20	21	1	.....
XXIV.—Silk piece-goods—								
2.—Indian ... ..	.....	.....	.....	4	.....	4	4	.....
XXVI.—Sugar—								
1.—Drained	25	.....	31	.....	25	31	10	.....
2.—Undrained			4	.....		4		
XXX.—Tobacco ... ..	.....	.....	2	.....	.....	2	2	.....
XXXIII.—All other articles of merchandise	129	30	100	30	159	130	.....	29
Total	848	165	975	214	1,013	1,189	291	115

INCREASE.

Tons.

Gunny-bags and cloths	25
This increase is due to this being included into sundries last year.	
Grains—Rice	125
The increase in this staple is due to plentiful crops and larger export from intermediate stations—	
Noadu and Bokharu.	
Oils	17
This increase is due to this being included into sundries last year.	
Railway plant and rolling-stock	19
This increase is due to more materials carried during the month.	
Salt	72
This increase is due to sudden demand in the market.	

DECREASE.

Coal	51
This decrease is due to larger import during the last month.	
Oilseeds	24
This decrease is due to less demand in the market.	

NALHATI, the 24th June 1887.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 1,519 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	254,002	2,48,189 6 0	29,41,897 0	6,36,520 12 6	18,678 14 3	9,03,389 0 0	65,727½	111,760½	177,487½
Or per mile of railway ...	.....	163 6 3	.....	419 0 7	12 4 9	594 11 7	.....	.....	.....
For previous 23 weeks of half-year ...	5,989,185	66,39,116 15 0	6,37,02,959 10	1,58,58,499 0 3	4,37,915 8 4	2,20,35,531 7 7	1,552,257½	2,663,810	4,216,067½
Total for 24 weeks ...	6,243,187	68,87,306 5 0	6,66,44,856 10	1,64,95,019 12 9	4,56,594 6 7	2,38,38,920 8 4	1,617,985	2,775,570½	4,393,555½
COMPARISON.									
Total for corresponding week of previous year ...	264,383	2,38,646 9 0	26,06,876 0	5,92,550 2 0	17,180 1 6	8,48,376 12 6	69,648	111,257	176,905
Per mile of railway corresponding week of previous year ...	.....	157 8 4	.....	391 2 0	11 5 5	559 15 9	.....	.....	.....
Total to corresponding date of previous year ...	5,937,565½	66,96,762 12 4	6,81,92,896 30	1,66,81,724 1 6	5,15,899 1 9	2,38,94,326 15 7	1,616,055	2,878,877	4,494,932

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		* Rs.	Rs.		Rs.	Rs.	Rs.	
1,515	8,48,377	560	1,519	9,03,389	595	1,515	1,14,81,747	7,579	1,519	1,11,14,598	7,317	.....	3,67,149

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	10,722	4,723 3 0	52,946 0	3,442 2 0	30 8 0	8,195 13 0	1,632	973	2,605
Or per mile of railway ...	187	82 9 2	925 30	60 2 10	0 8 6	143 4 6	.....	.....	.....
For previous 23 weeks of half-year ...	322,773	1,65,926 15 0	13,49,856 30	79,561 4 0	1,204 0 3	2,46,992 4 0	38,301	21,516	59,817
Total for 24 weeks ...	333,495	1,70,650 2 0	14,02,802 30	83,303 6 9	1,234 8 3	2,55,188 1 0	39,933	22,489	62,422
COMPARISON.									
Total for corresponding week of previous year ...	12,633½	6,159 5 5	72,197 0	3,602 6 0	41 13 6	9,794 9 2	1,787	731	2,596
Per mile of railway corresponding week of previous year ...	221	107 8 5	1,262 10	62 15 8	0 11 8	171 3 9	.....	.....	.....
Total to corresponding date of previous year ...	318,192	1,63,478 10 7	13,03,740 10	84,466 12 0	1,147 11 0	2,49,087 1 7	40,513	22,374	62,887

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
57½	9,795	171	57½	8,196	143	57½	1,15,687	2,023	57½	1,96,932	1,899	.....	8,755

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,289	538 8 0	7,838 10	222 14 0	10 10 0	772 0 0	209½	284	493½
Or per mile of railway ...	.....	44 14 0	.....	18 9 2	0 14 2	64 5 4	.....	.....	.....
For previous 23 weeks of half-year ...	72,545	12,195 4 0	4,48,136 20	12,630 1 0	199 2 6	25,024 7 6	7,314	4,107	11,421
Total for 24 weeks ...	75,834	12,733 12 0	4,55,974 30	12,852 15 0	209 12 0	25,796 7 6	7,523½	4,391	11,914½
COMPARISON.									
Total for corresponding week of previous year ...	3,450½	579 7 3	13,755 0	450 4 0	44 12 0	1,074 7 3	300	193	493
Per mile of railway corresponding week of previous year ...	.....	48 4 7	.....	37 8 4	3 11 8	89 8 7	.....	.....	.....
Total to corresponding date of previous year ...	70,956½	12,126 1 10	7,51,803 10	14,830 6 0	1,077 7 9	28,033 15 7	5,214	6,956	12,170

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
12	1,074	90	12	772	64	12	15,796	1,316	12	12,985	1,082	.....	2,811

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,043	5,237 9 0	95,652 10	3,834 2 0	98 0 0	9,169 11 0	666	1,209½	1,874½
Or per mile of railway ...	.....	70 0 4	.....	51 4 2	1 4 11	122 9 5	.....	.....	.....
For previous 23 weeks of half-year ...	140,011	1,07,863 12 0	23,73,796 0	1,02,395 4 6	2,075 2 0	2,12,844 3 3	17,036½	28,115½	45,152½
Total for 24 weeks ...	145,054	1,13,101 5 0	24,69,448 10	1,06,139 6 6	2,773 2 0	2,22,015 14 3	17,702½	29,324½	47,027½
COMPARISON.									
Total for corresponding week of previous year ...	4,959½	3,072 2 3	1,41,022 10	3,592 13 0	201 6 3	7,766 5 6	758	1,209	2,027
Per mile of railway corresponding week of previous year ...	.....	53 1 8	.....	48 0 6	2 11 1	103 13 3	.....	.....	.....
Total to corresponding date of previous year ...	134,640½	1,06,385 8 3	26,38,090 30	84,331 11 6	2,557 0 6	1,03,324 4 3	25,517	27,693	53,210

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
74½	7,766	104	74½	9,170	123	74½	86,516	1,157	74½	1,00,607	1,346	14,181	.....

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,334	4,503 7 6	7,621 20	283 12 0	11 0 0	4,798 3 0	903	65	968
per mile of railway ...	.....	202 0 5	.....	12 12 1	0 7 11	215 10 5	.....	.....	.....
for previous 23 weeks of half-year ...	471,398	1,24,699 2 0	1,94,644 30	6,736 7 0	170 15 0	1,31,606 8 0	21,704	1,094	22,798
Total for 24 weeks ...	487,732	1,29,202 9 0	2,02,266 10	7,020 3 0	181 15 0	1,36,404 11 0	22,607	1,159	23,766
COMPARISON.									
Total for corresponding week of previous year ...	18,507½	4,801 9 1	4,777 10	108 5 0	6 10 3	5,096 8 4	981	31	1,012
per mile of railway corresponding week of previous year ...	.....	219 13 7	.....	8 14 7	0 4 9	229 0 11	.....	.....	.....
Total to corresponding date of previous year ...	494,218½	1,31,276 7 4	2,46,970 10	8,642 10 0	172 10 5	1,40,091 11 9	24,140	2,668	26,748

Approximate Statement of gross receipts of the Tarkessur Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
5,007	229	22½	4,798	216	22½	67,794	3,047	22½	65,846	2,959	.....	.....	1,948

INDIAN MIDLAND RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,637	1,203 10 3	17,080 10	1,110 5 0	27 0 0	2,340 15 3	269	379	588
per mile of railway ...	.....	28 10 6	.....	26 7 0	0 10 4	55 11 10	.....	.....	.....
for previous 23 weeks of half-year ...	61,881	29,844 2 6	11,47,688 30	71,418 6 0	713 7 3	1,01,975 15 9	4,380	13,638	18,018
Total for 24 weeks ...	67,638	31,047 12 9	11,64,778 0	72,628 11 0	740 7 3	1,04,316 15 0	4,589	14,017	18,606
COMPARISON.									
Total for corresponding week of previous year ...	2,625	1,126 9 0	5,162 0	411 6 0	14 10 0	1,552 9 9	435	153	588
per mile of railway corresponding week of previous year ...	.....	26 13 2	.....	9 12 9	0 5 7	36 15 6	.....	.....	.....
Total to corresponding date of previous year ...	27,923½	12,373 6 4	1,66,600 0	13,809 10 3	240 2 3	26,423 2 10	3,778	2,942	6,720

Approximate Statement of gross receipts of the Indian Midland Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
1,553	37	42	2,341	56	42	26,423	629	42	47,738	1,137	.....	21,316	.....

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K. AND D. AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ending 11th June 1887, on 645 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	114,906	53,460 0 0	4,53,500 0	62,800 0 0	11,070 0 0	1,27,330 0 0	19,860	15,358	35,218
Or per mile of railway ...	178	83 0 0	703 0	97 0 0	(b) 1 0 0	181 0 0	...	...	...
For previous 23 weeks of half-year ...	2,929,447	14,02,337 0 0	1,16,93,455 0	16,68,246 0 0	2,84,908 0 0	33,55,551 0 0*	434,535	421,838	856,373
Total for 23 weeks ...	3,114,440	14,55,797 0 0	1,21,46,955 0	17,31,046 0 0	2,96,038 0 0	34,82,881 0 0	454,695	437,196	891,891
COMPARISON.									
Total for corresponding week of previous year ...	138,650	(a) 63,447 0 0	3,96,400 0	68,194 0 0	14,183 0 0	1,35,824 0 0	17,512	16,166	33,618
Per mile of railway corresponding period of previous year ...	229	105 0 0	654 0	96 0 0	...	201 0 0	...	...	...
Total to corresponding date of previous year ...	2,969,670	13,51,517 0 0	1,33,08,054 0	17,46,111 0 0	3,05,886 0 0	31,03,514 0 0	400,044	493,950	893,994

* Audited up to 31st March 1887.

(a) Increase due to Dacca bathing festival.

(b) Steam-boat earnings Rs. 10,370 have been excluded from the calculation.

Note—Dacca and Assam-Bihar Sections are also published separately.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
606	1,35,824	224	645	1,27,330	197	606	14,34,667	237	645	14,02,188	217	.....	32,479

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 18th June 1887, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	24,000	8,590 0 0	54,000 0	3,000 0 0	50 0 0	11,550 0 0	3,786	1,424	5,210
Or per mile of railway ...	192	68 0 0	432 0	24 0 0	...	92 0 0	...	...	...
For previous 23 weeks of half-year ...	593,471	2,05,882 0 0	2,51,434 0	60,882 0 0	1,091 0 0	2,67,855 0 0†	87,923	33,191	121,115
Total for 24 weeks ...	617,471	2,14,382 0 0	2,60,434 0	63,882 0 0	1,141 0 0	2,79,405 0 0	91,708	34,615	126,323
COMPARISON.									
Total for corresponding week of previous year ...	34,702*	12,839 0 0*	18,748 0	1,351 0 0	19 0 0	14,209 0 0	3,906	1,214	5,210
Per mile of railway, corresponding period of previous year ...	278	103 0 0	150 0	11 0 0	...	114 0 0	...	...	...
Total to corresponding date of previous year ...	619,331	2,21,436 0 0	2,60,556 0	61,407 0 0	716 0 0	2,73,569 0 0	94,391	32,425	126,816

* Includes monthly tickets.

† Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 18TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.
125	14,209	114	125	11,550	92	125	1,33,206	98	125	1,56,404	99	1,288	.....

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1887, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	11,900	3,800 0 0	5,500 0	450 0 0	50 0 0	4,300 0 0	2,161	803	2,964
Per mile of railway ...	138	44 0 0	64 0	5 0 0	1 0 0	50 0 0	.....	.....	.....
Per previous 22 weeks of half-year ...	282,743	91,981 0 0	3,39,381 0	27,774 0 0	3,216 0 0	1,25,971 0 0*	48,305	24,083	72,388
Total for 23 weeks ...	294,643	95,781 0 0	3,44,881 0	28,224 0 0	3,266 0 0	1,30,271 0 0	50,465	24,886	75,352
COMPARISON.									
Total for corresponding week of previous year ...	9,351	3,106 0 0	3,568 0	450 0 0	70 0 0	3,635 0 0	933	397	1,330
Per mile of railway corresponding period of previous year ...	109	36 0 0	41 0	5 0 0	.....	41 0 0	.....	.....	.....
Total to corresponding date of previous year ...	221,599	64,681 0 0	3,28,701 0	29,253 0 0	5,971 0 0	99,608 0 0	19,570	34,233	53,803

* Audited up to 31st March 1887.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
86	Rs. 3,635	Rs. 42	86	Rs. 4,300	Rs. 50	86	Rs. 43,706	Rs. 51	86	Rs. 46,735	Rs. 54	Rs. 3,029	.....

ASSAM-BEHAR STATE RAILWAY.

PUANEAH SECTION.

Approximate Return of Traffic for week ended 11th June 1887, on 39 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	2,407	860 0 0	18,000 0	1,950 0 0	20 0 0	2,830 0 0	470	608	1,078
Per mile of railway ...	62	22 0 0	462 0	50 0 0	1 0 0	73 0 0	.....	.....	.....
Per previous 9 weeks of half-year ...	23,589	8,161 0 0	2,16,791 0	21,275 0 0	140 0 0	29,576 0 0	4,364	5,646	10,010
Total for 10 weeks ...	25,996	9,021 0 0	2,34,791 0	23,225 0 0	160 0 0	32,406 0 0	4,834	6,254	11,088
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway corresponding period of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Assam-Bihar State Railway.

RECEIPTS FOR WEEK ENDING 12TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 11TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO WEEK ENDING 12TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO WEEK ENDING 11TH JUNE 1887.			Total increase in 1887.	Total decrease in 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
.....	39	Rs. 2,830	Rs. 73	.....	.....	.....	39	Rs. 32,406	Rs. 83	Rs. 32,406	.....

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 18th June 1887, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	T.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,592½	974 5 3*	7,330 30	524 4 1	16 4 0	1,514 13 4	569	254	
Or per mile of railway ...	95	35 12 0	269 0	19 4 0	0 9 0	55 9 0	.....	.....
For previous 23 weeks of half-year ...	69,744½	26,449 10 9	2,80,586 10	16,541 11 11	555 12 0	43,547 2 8	11,779	7,974½	1
Total for 24 weeks ...	72,337	27,424 0 0	2,87,917 0	17,066 0 0	572 0 0	45,062 0 0	12,288	7,928½	2
COMPARISON.									
Total for corresponding week of previous year ...	4,281½	1,809 15 9	7,835 20	656 5 10	26 6 9	2,490 12 4	563		
Per mile of railway corresponding week of previous year ...	157	66 6 0	288 0	24 1 0	0 15 0	91 6 0	.....	.....
Total to corresponding date of previous year ...	65,447	26,712 7 6	1,92,303 10	14,621 8 4	604 13 2	41,938 13 0	12,524	6,551	1

* There was an unusual increase of passenger traffic during the corresponding week of the previous year on account of bathing mela. Hence the present decrease.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway.

RECEIPTS FOR WEEK ENDING 19TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 18TH JUNE 1887.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 19TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1887 TO 18TH JUNE 1887.			Total increase 1887.	Total decrease 1887.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.		
27½	Rs. 2,491	Rs. 91	27½	Rs. 1,515	Rs. 56	27½	Rs. 21,383	Rs. 785	27½	Rs. 21,201	Rs. 778	Rs.	182

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 11th June 1887	...	...	...	Rs. 9,057
Corresponding week last year	...	...	...	9,828
Decrease	...	...	...	771
Receipts from 1st January to 11th June 1887	...	...	...	1,81,057
From 1st January to 12th June 1886	...	...	...	2,09,338
Decrease	...	...	...	28,281
Miles open, week ending 11th June 1887	...	...	...	Miles. 51
Corresponding week last year	...	...	...	50½
Increase	...	...	...	½
Receipts per mile open, week ending 11th June 1887	...	...	...	Rs. A. P. 177 9 5
Corresponding week last year	...	...	...	193 10 6
Decrease	...	...	...	16 1 1

CHIEF OFFICE, DARJEELING, the 18th June 1887.

W. STEVENSON, Acting Manager, D. H. Ry.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 18th June 1887	...	...	...	Rs. 9,034
Corresponding week last year	...	...	...	9,026
Increase	...	...	...	8
Receipts from 1st January to 18th June 1887	...	...	...	1,90,691
From 1st January to 19th June 1886	...	...	...	2,18,364
Decrease	...	...	...	27,673
Miles open week ending 18th June 1887	...	...	...	Miles. 51
Corresponding week last year	...	...	...	50½
Increase	...	...	...	½
Receipts per mile open week ending 18th June 1887	...	...	...	Rs. A. P. 177 2 2
Corresponding week last year	...	...	...	177 13 10
Decrease	...	...	...	0 11 8

CHIEF OFFICE, D.-H. Ry., DARJEELING, the 25th June 1887.

W. STEVENSON, Acting Manager, D.-H. Railway